

FIG. 1

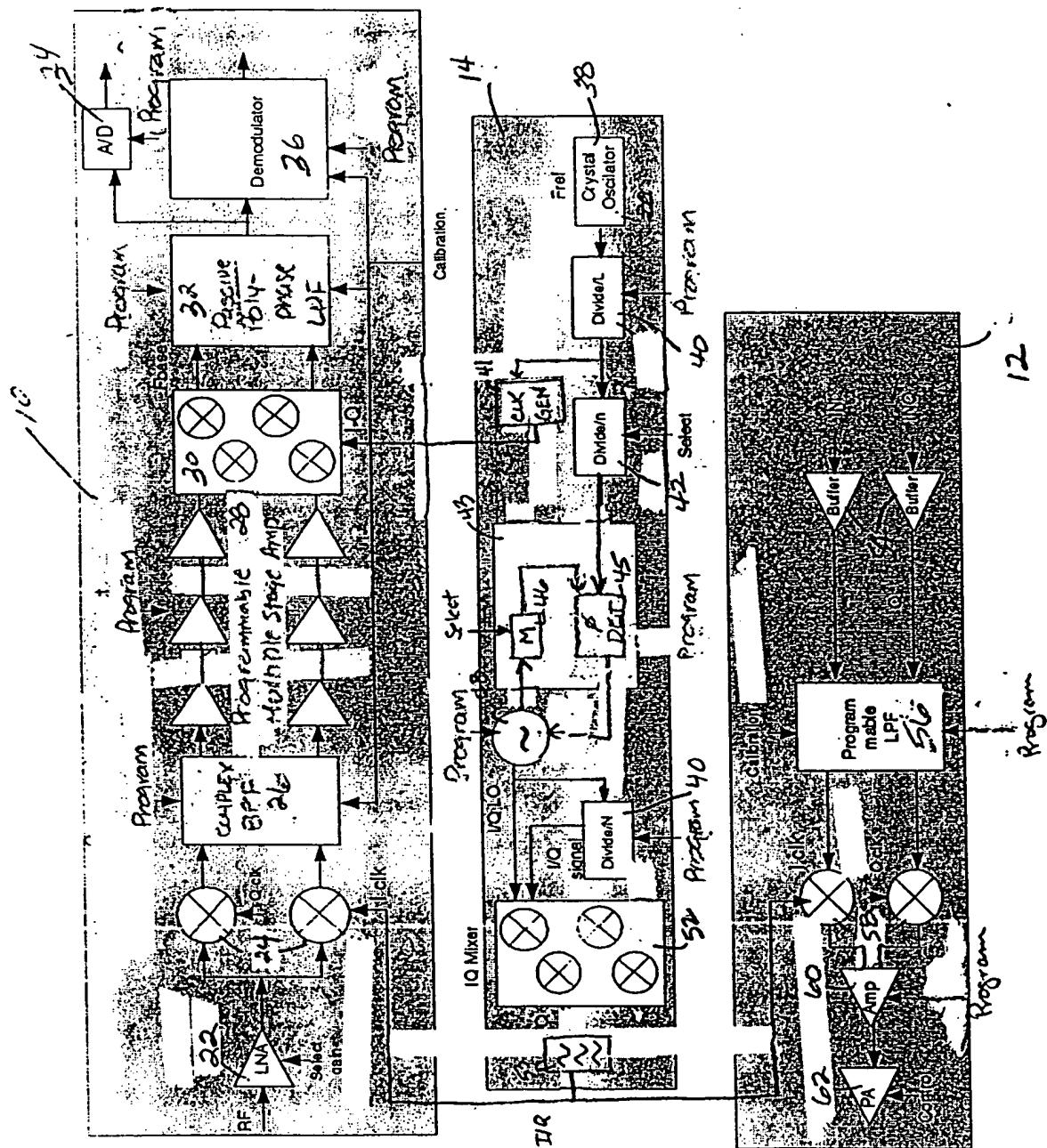


Fig. 2

0022040404000000

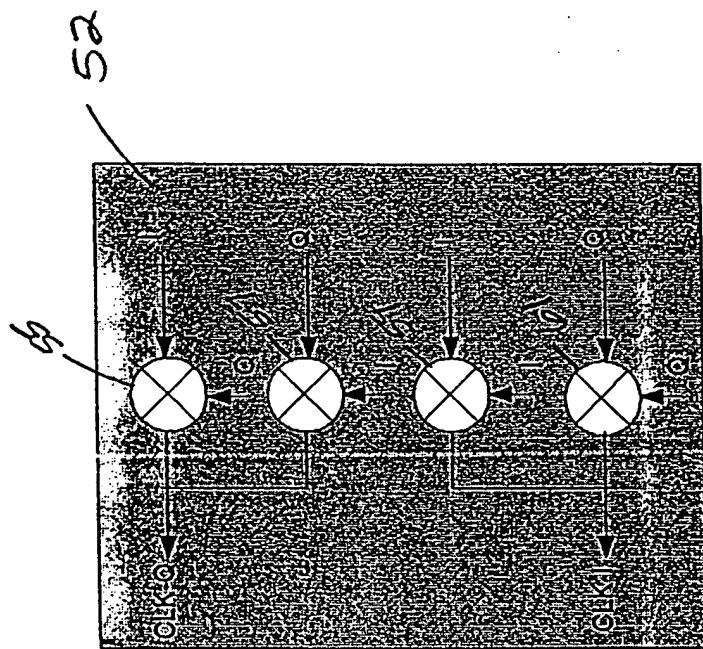


FIG. 3

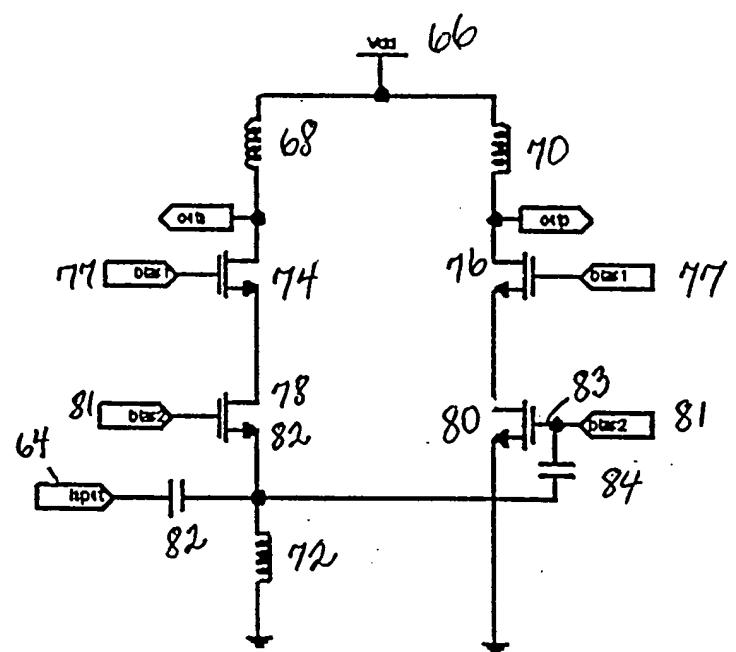


FIG. 4

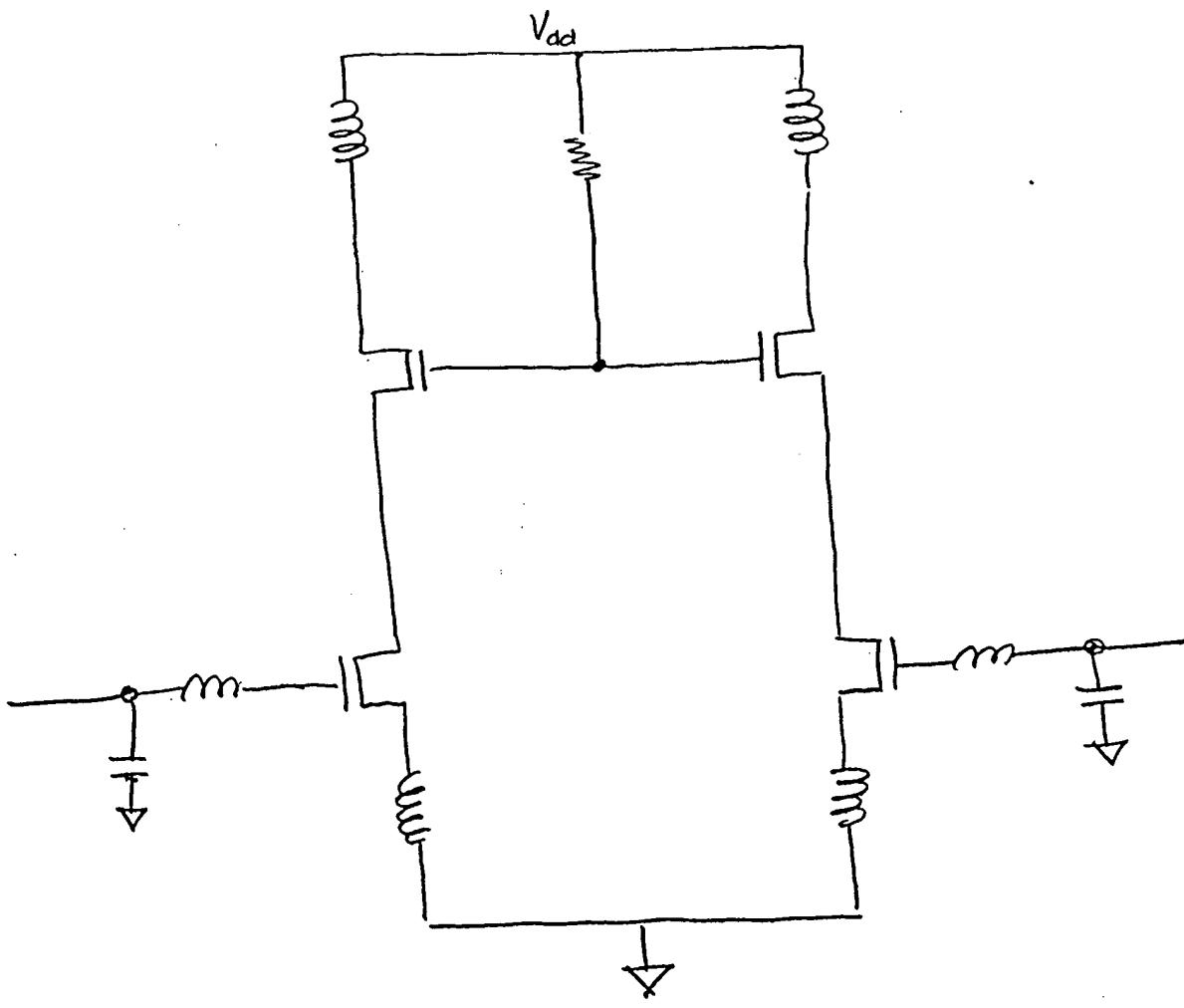
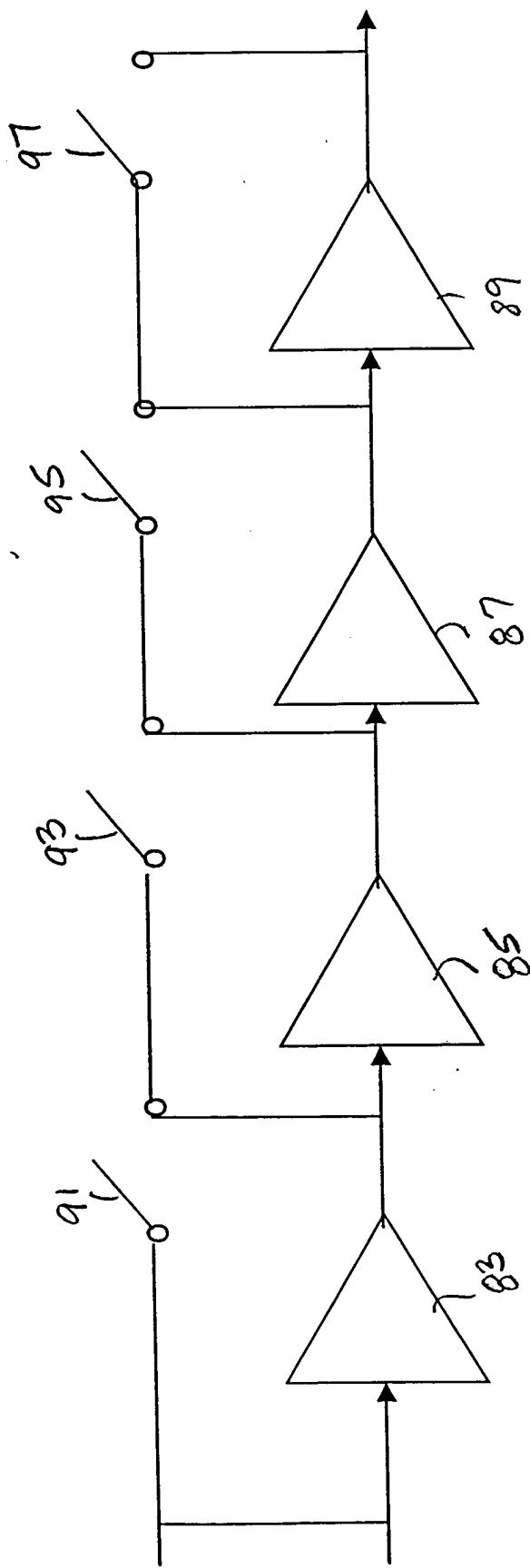


FIG. 4 (a)

FIG. 5



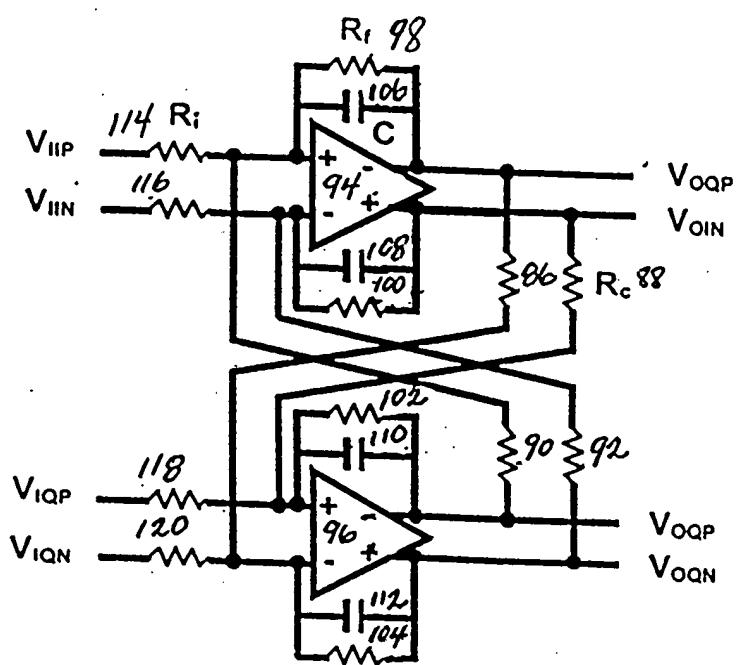


FIG. 6

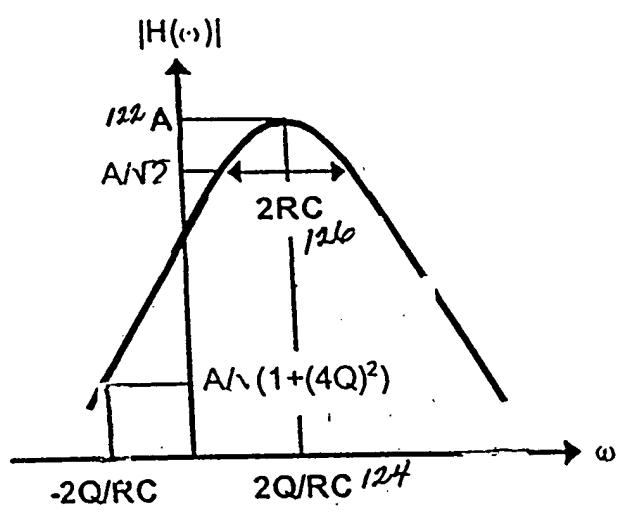


FIG. 7

000000000000000000000000

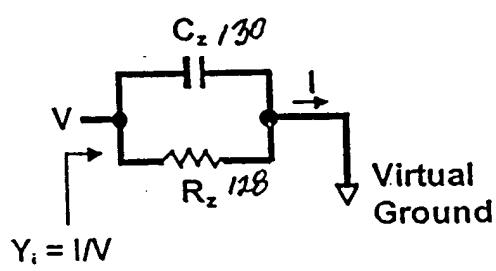


FIG. 8

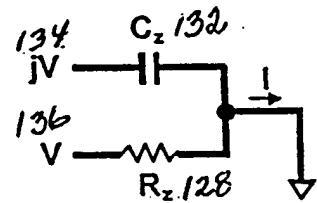


FIG. 9

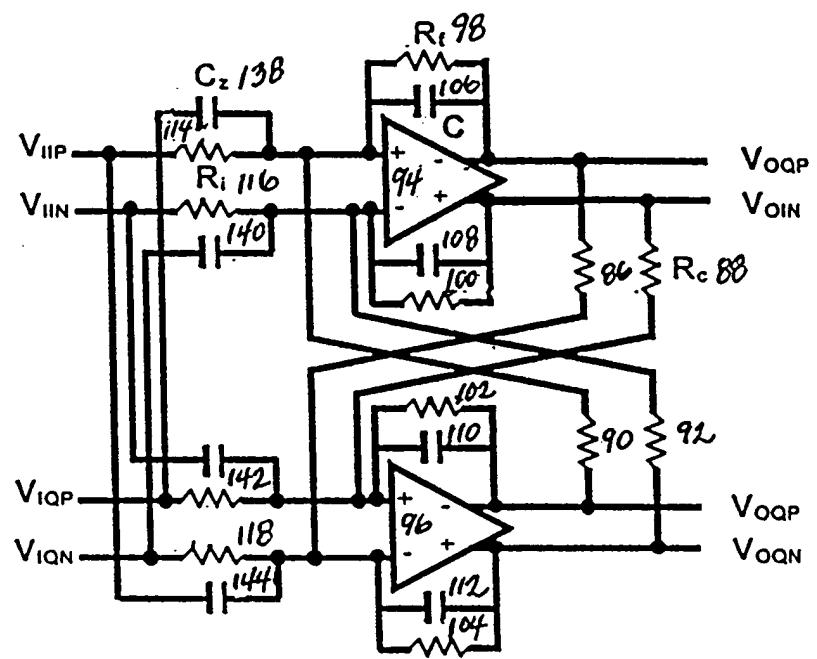


FIG. 10

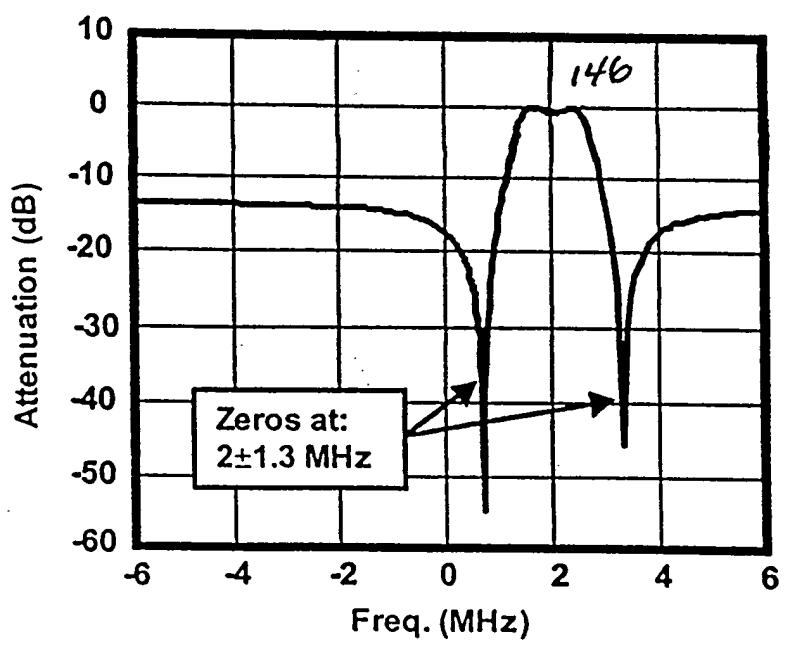


FIG. 11

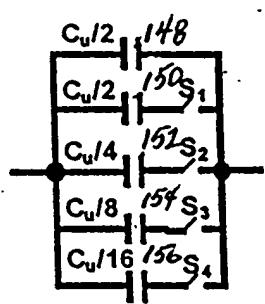


FIG. 12(a)

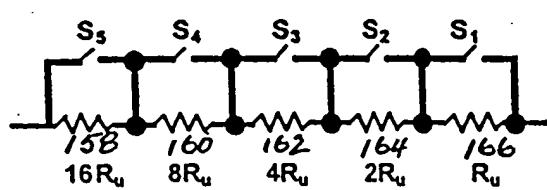


FIG. 12(b)

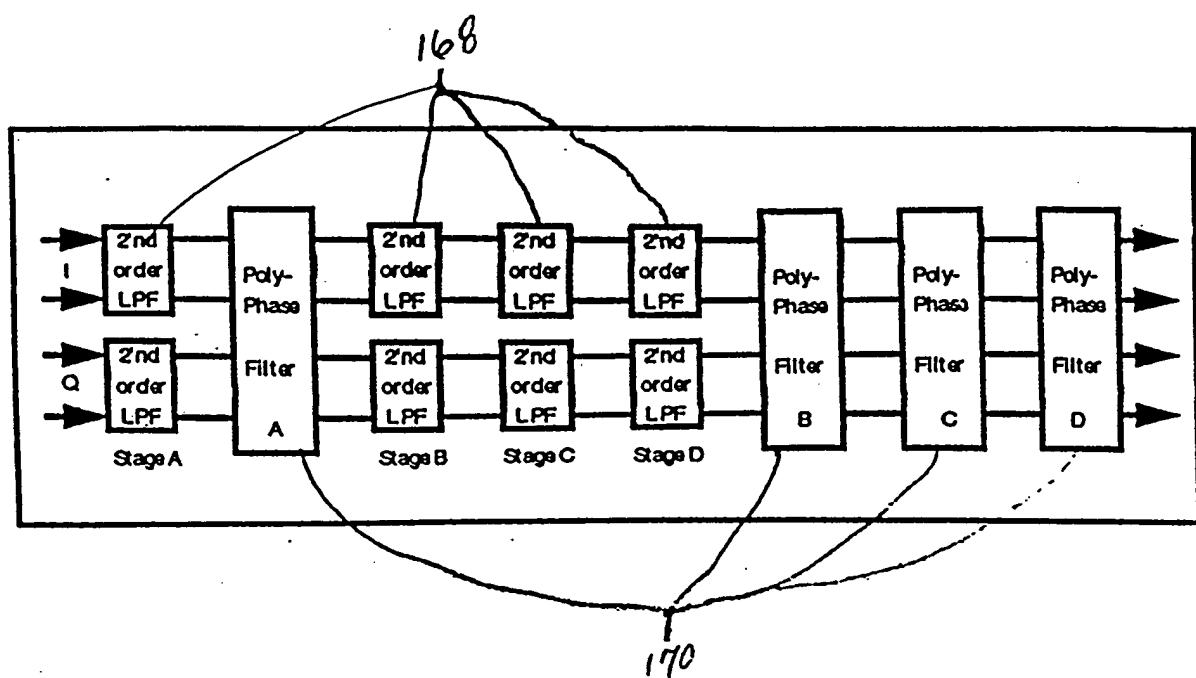
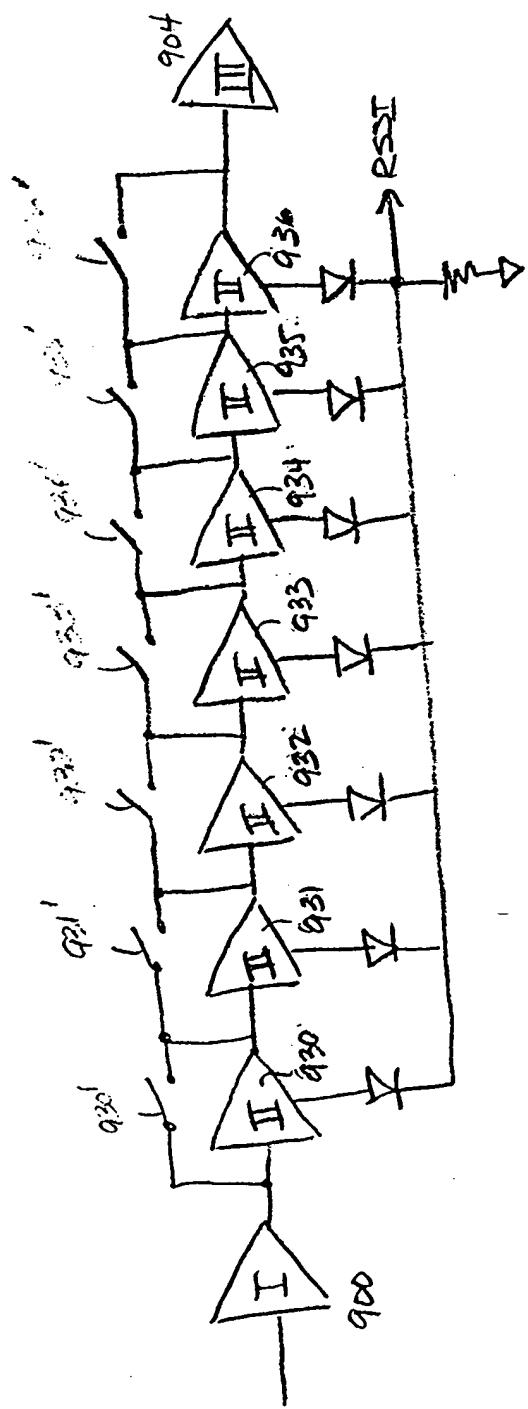


FIG. 13

FIG. 14



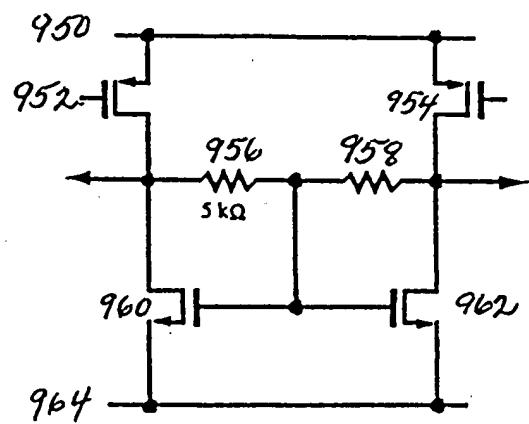


FIG. 15

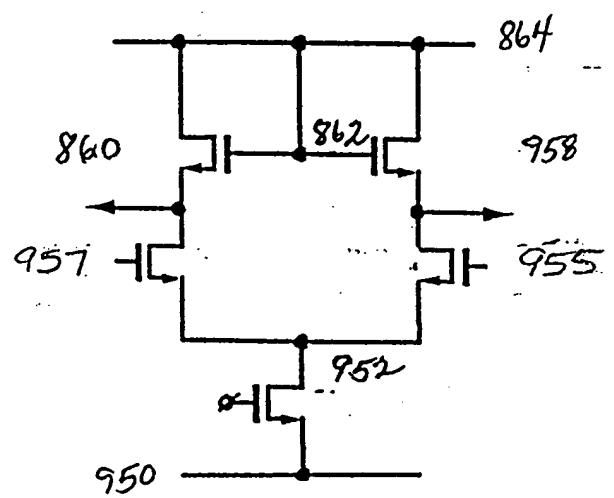


FIG. 16(a)

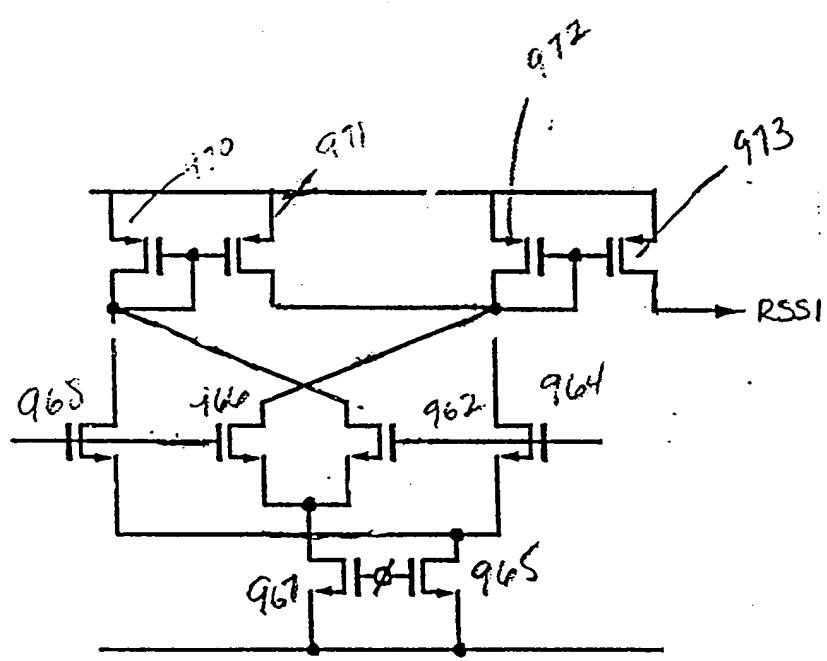


FIG. 16(b)

FIG. 17(a)

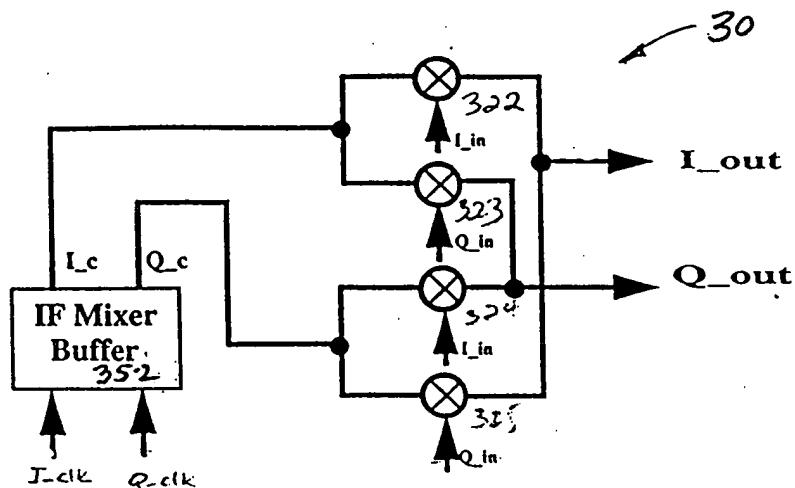
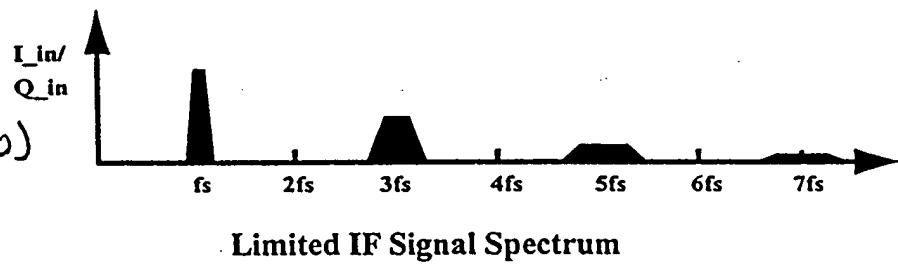
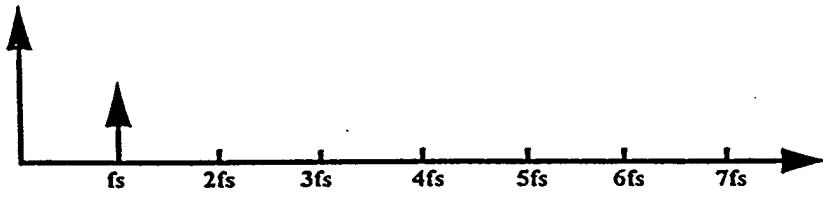


FIG. 17(b)



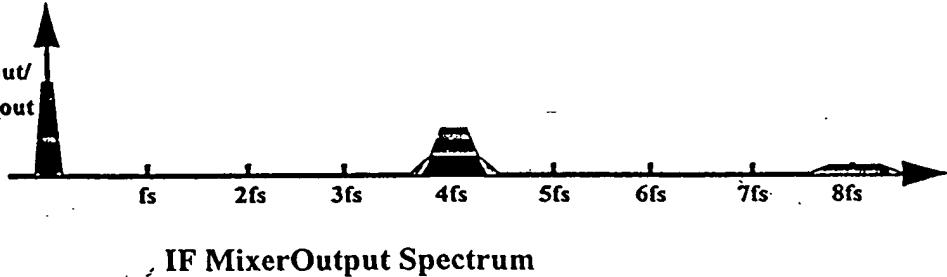
Limited IF Signal Spectrum

FIG. 17(c)



Sinusoidal Input Spectrum

FIG. 17(d)



IF Mixer Output Spectrum

FIG. 18

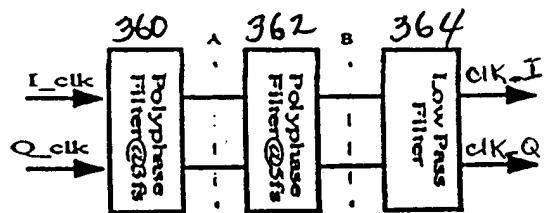


FIG. 19(a)

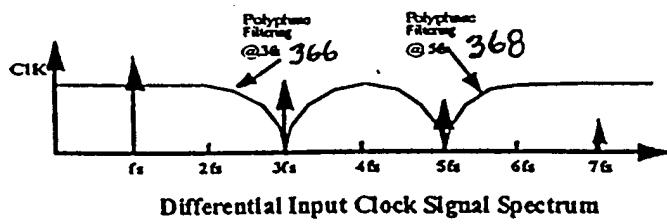


FIG. 19(b)

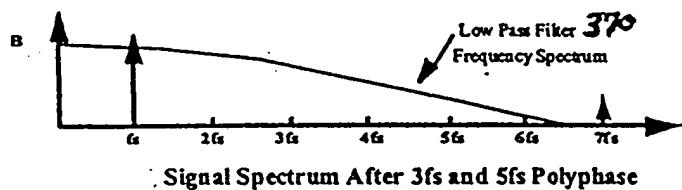


FIG. 19(c)

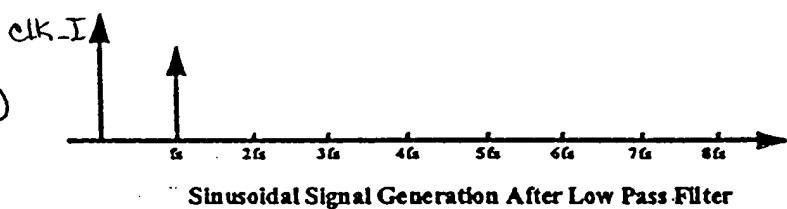


FIG. 19d

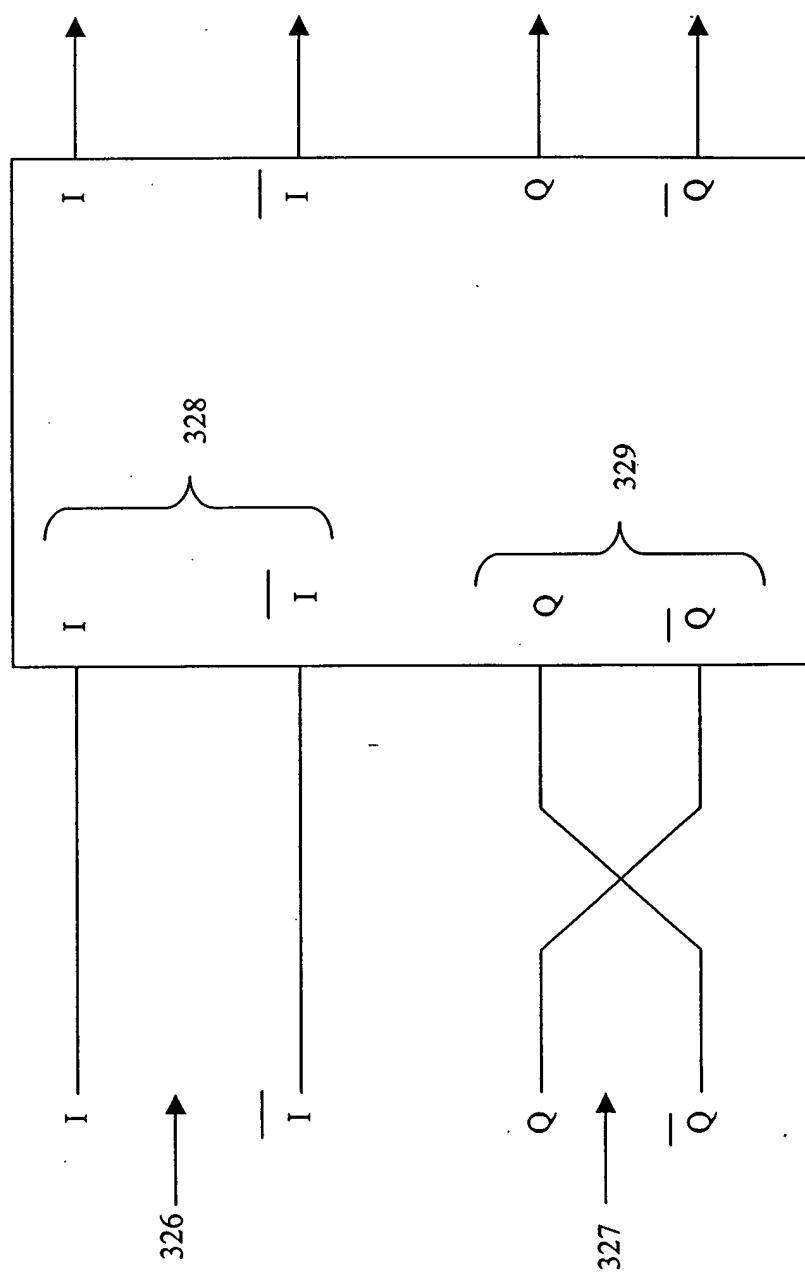


FIG. 19e

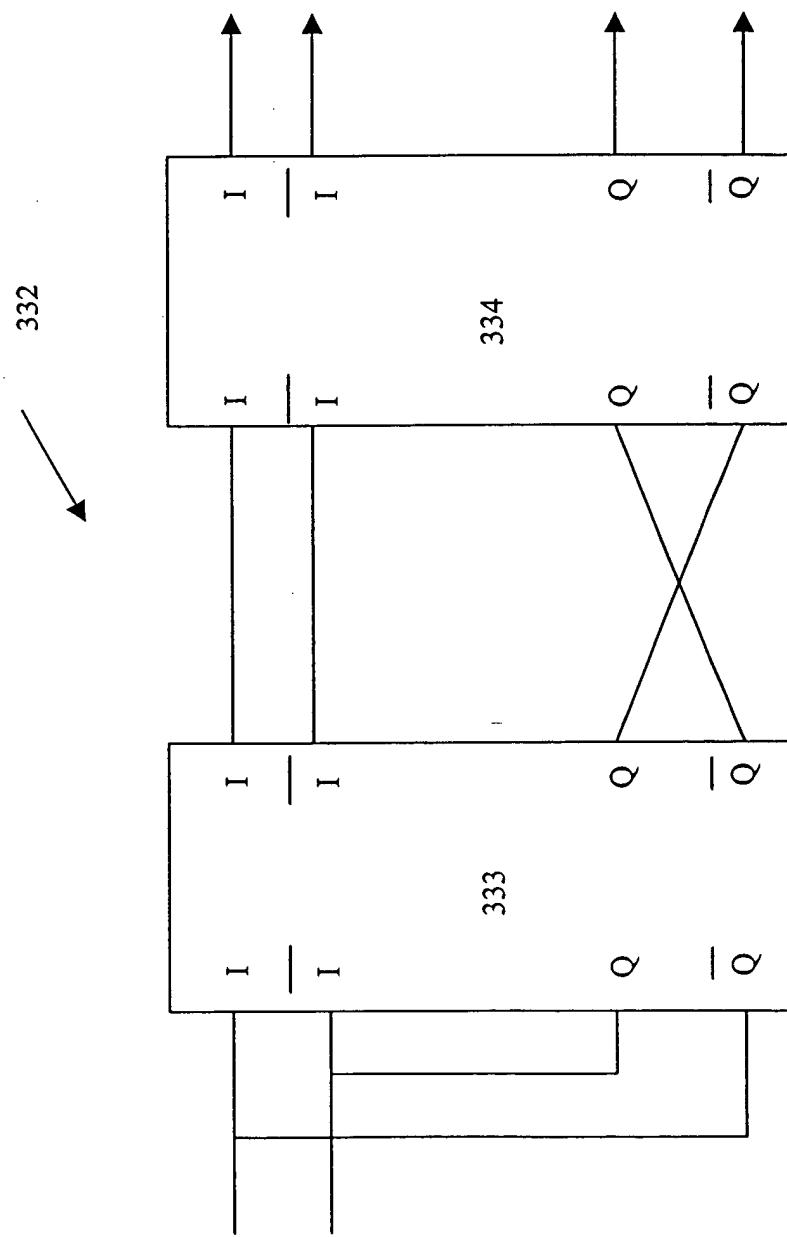
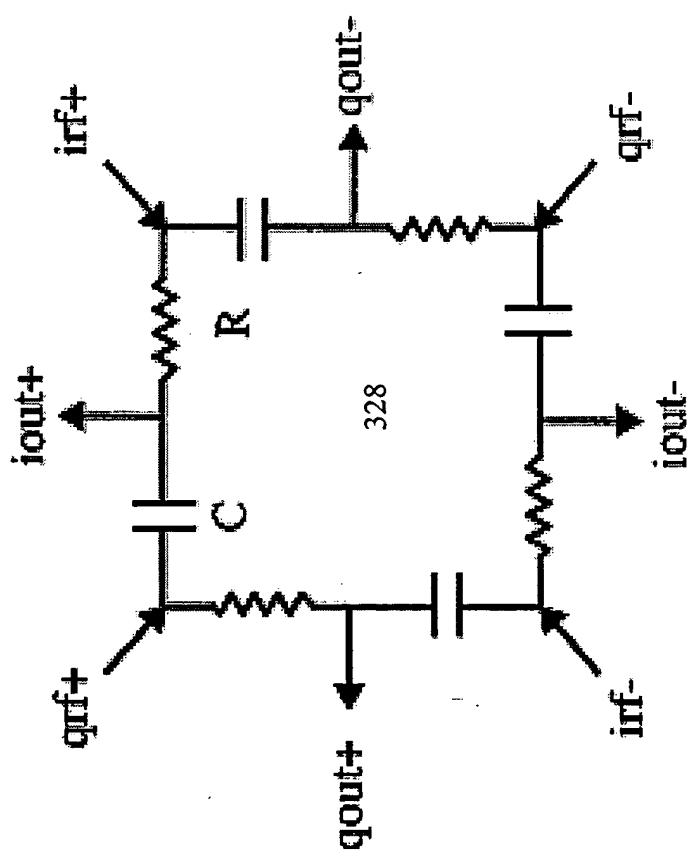
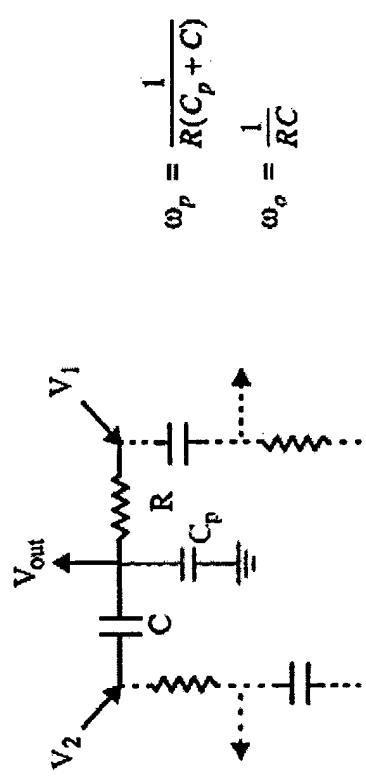


FIG. 19f





$$\omega_p = \frac{1}{R(C_p + C)}$$

$$\omega_o = \frac{1}{RC}$$

$$V_{out} = \frac{V_1}{R(C_p + C)s + 1} + \frac{V_2 R C s}{R(C_p + C)s + 1}$$

FIG. 19g

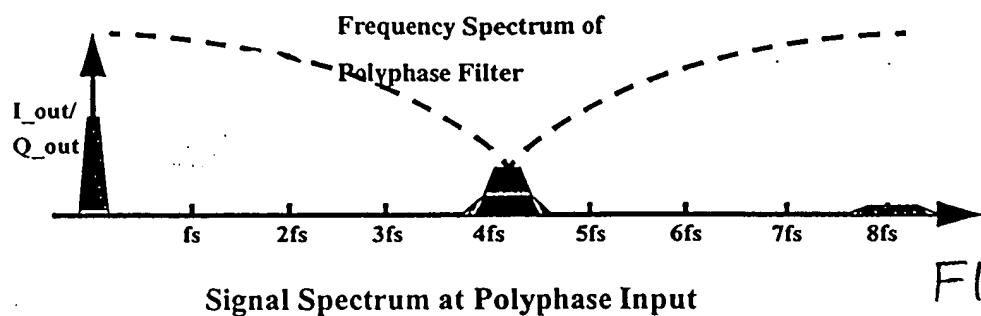


FIG. 20(a)

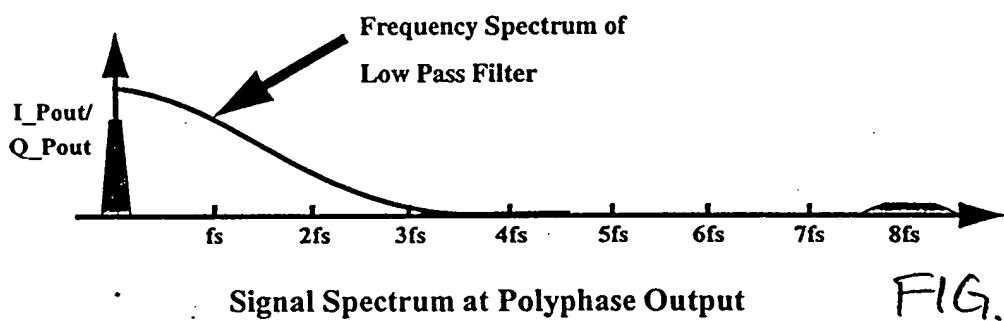


FIG. 20(b)

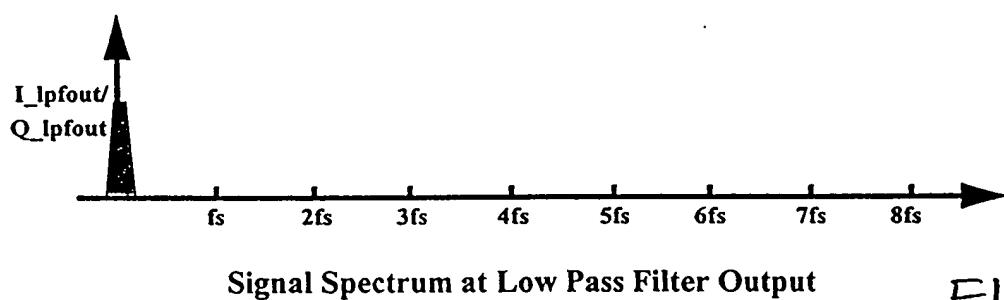


FIG. 20(c)

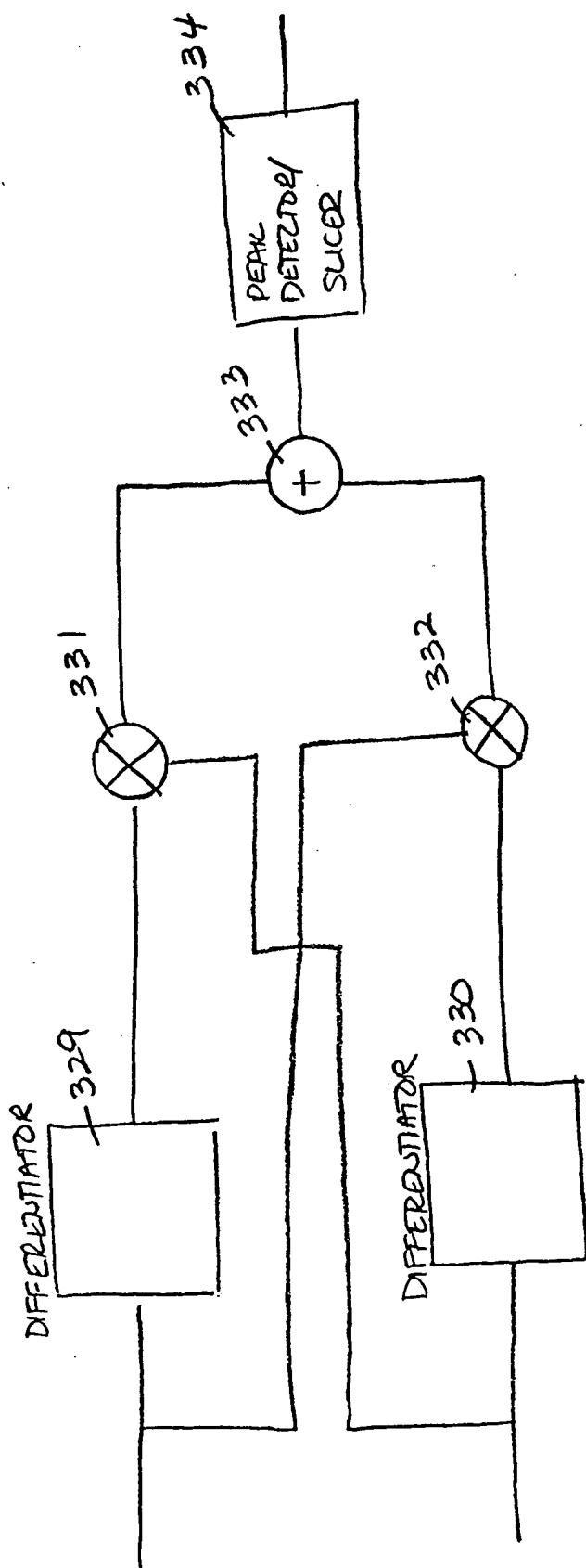


FIG. 21

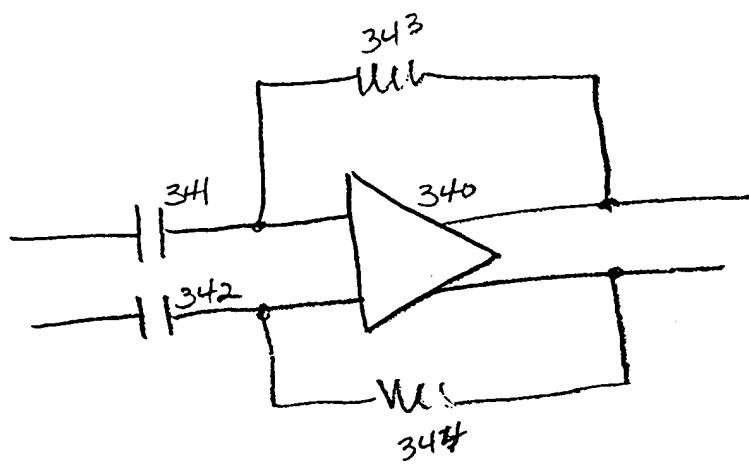


FIGURE 22

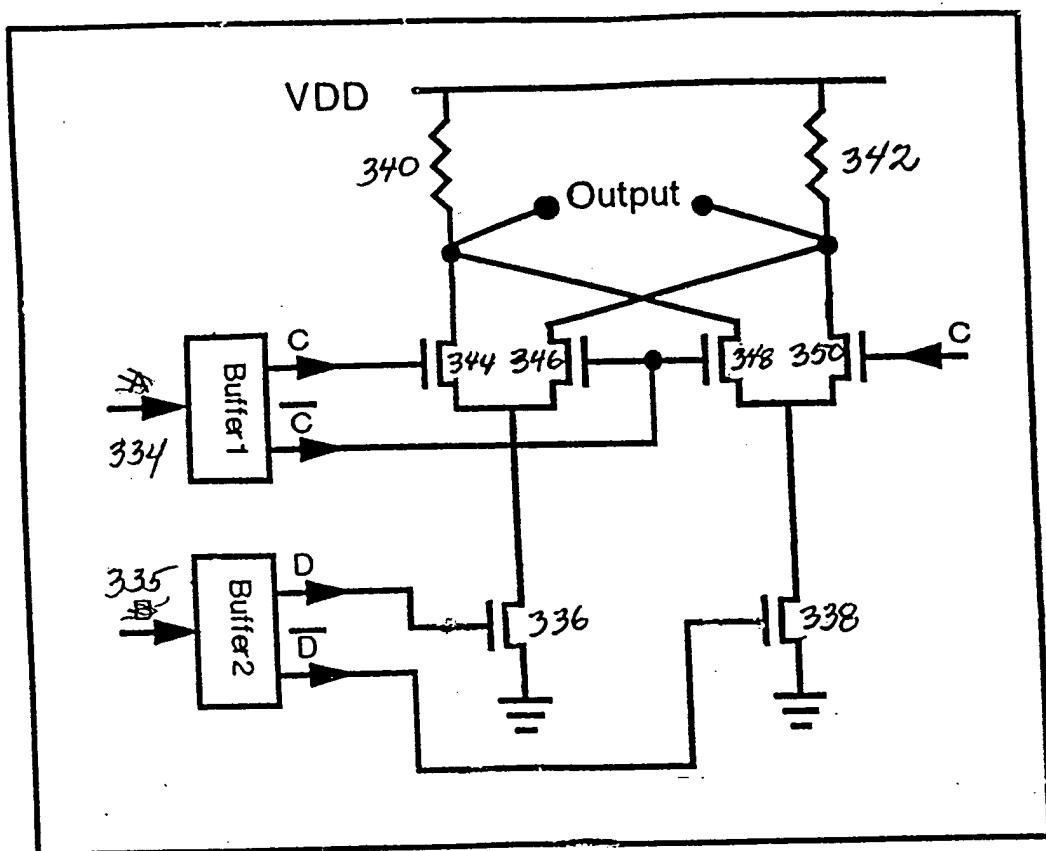


FIG. 23

FIGURE 24

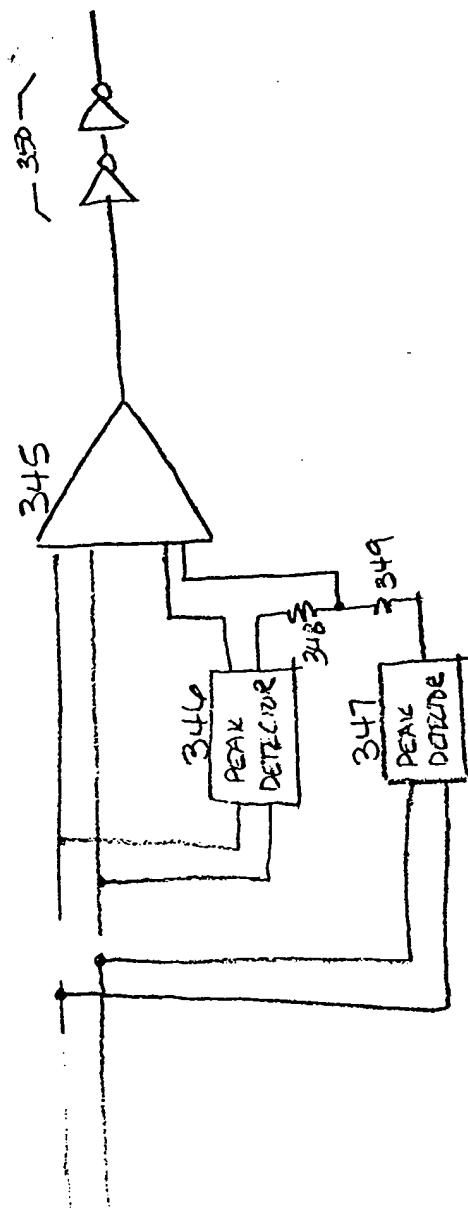


FIG. 25

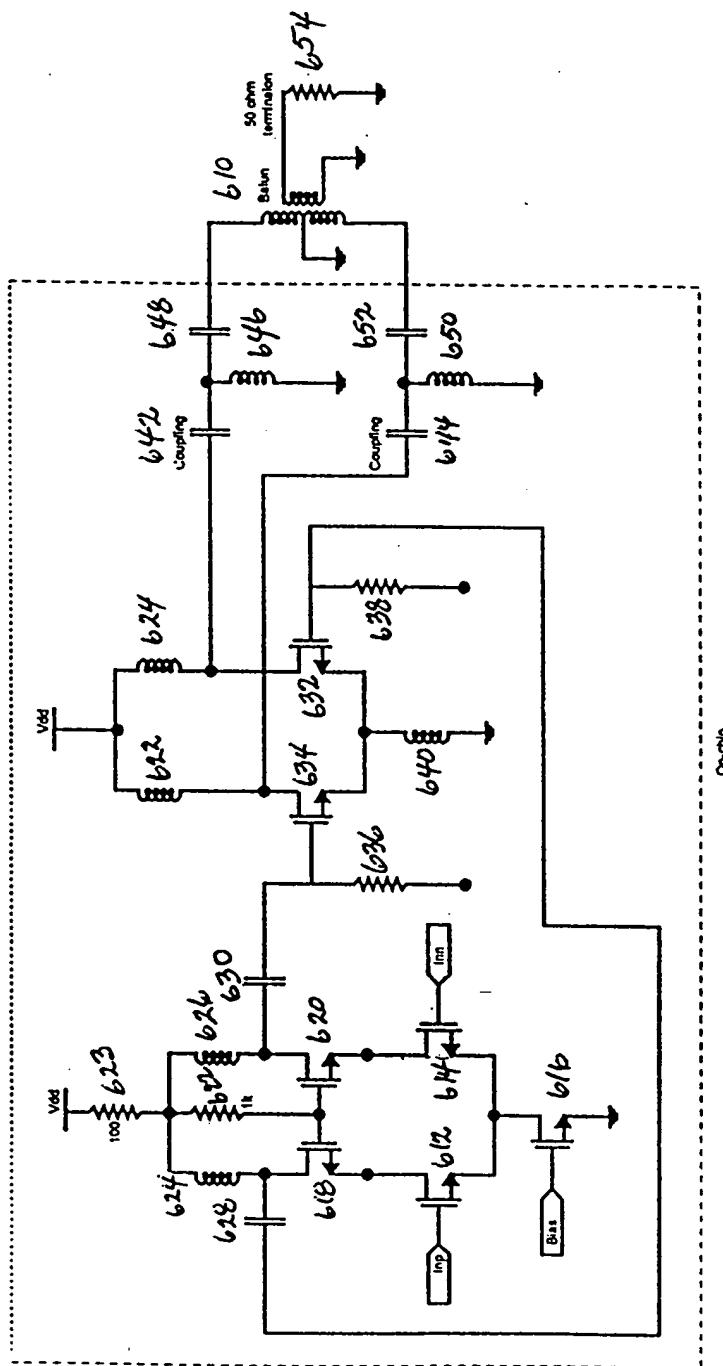


FIG. 26(a)

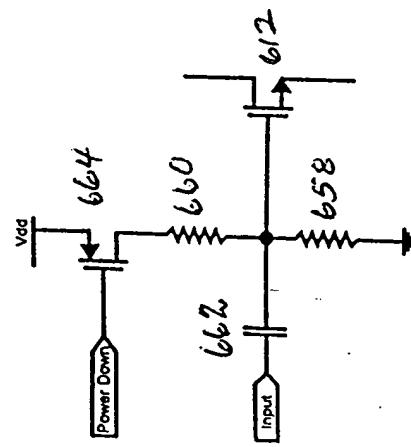
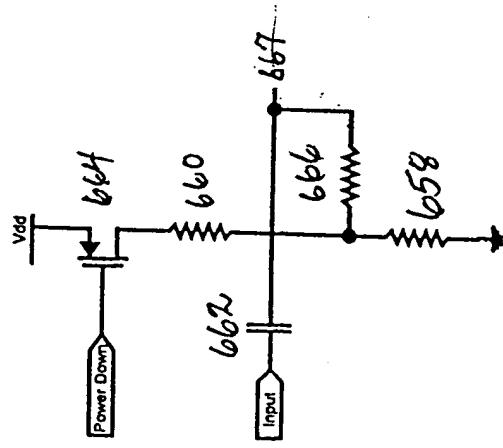


FIG. 26(b)



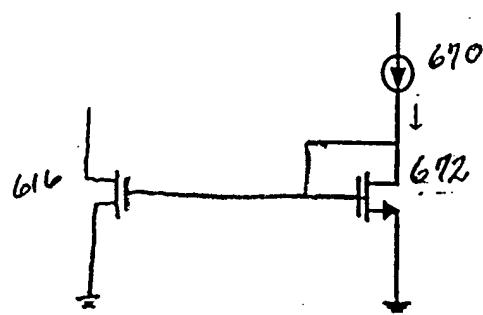


FIG. 27

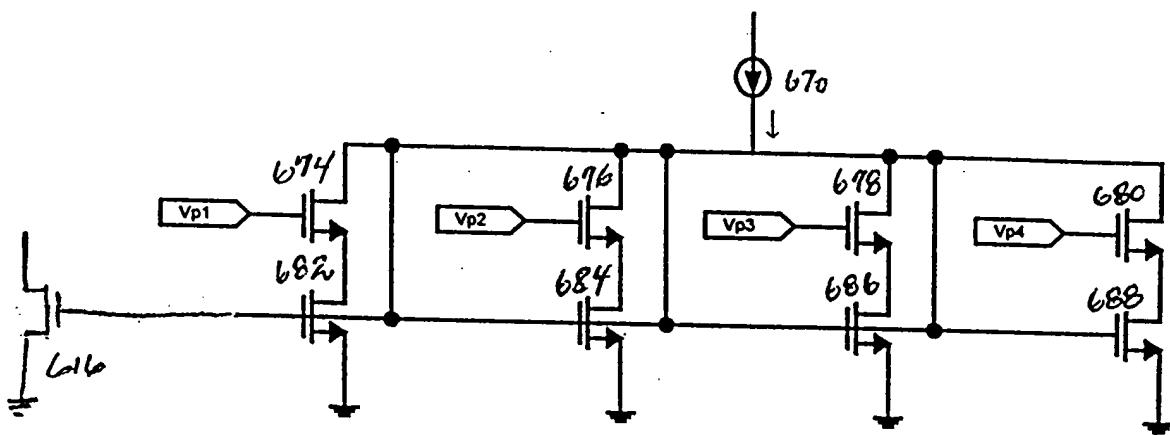


FIG. 28

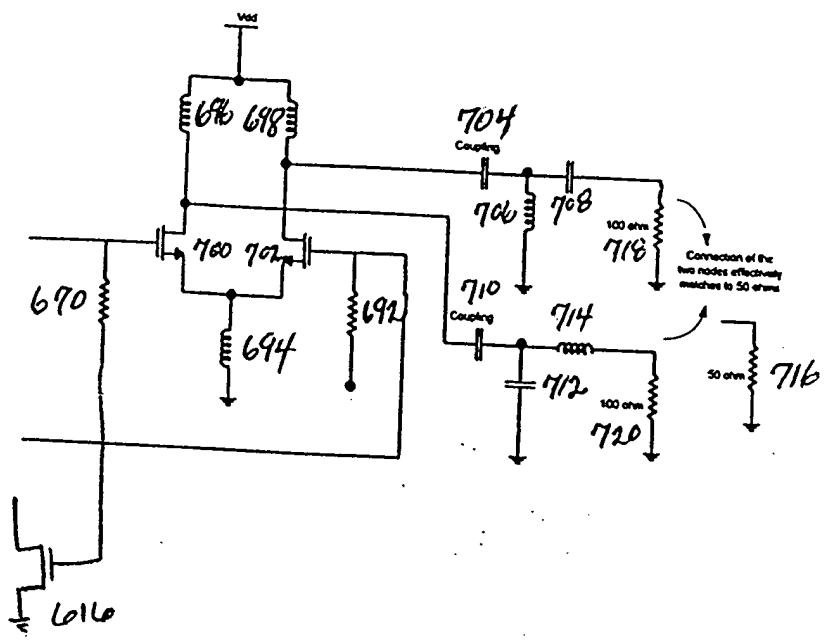


FIG. 29

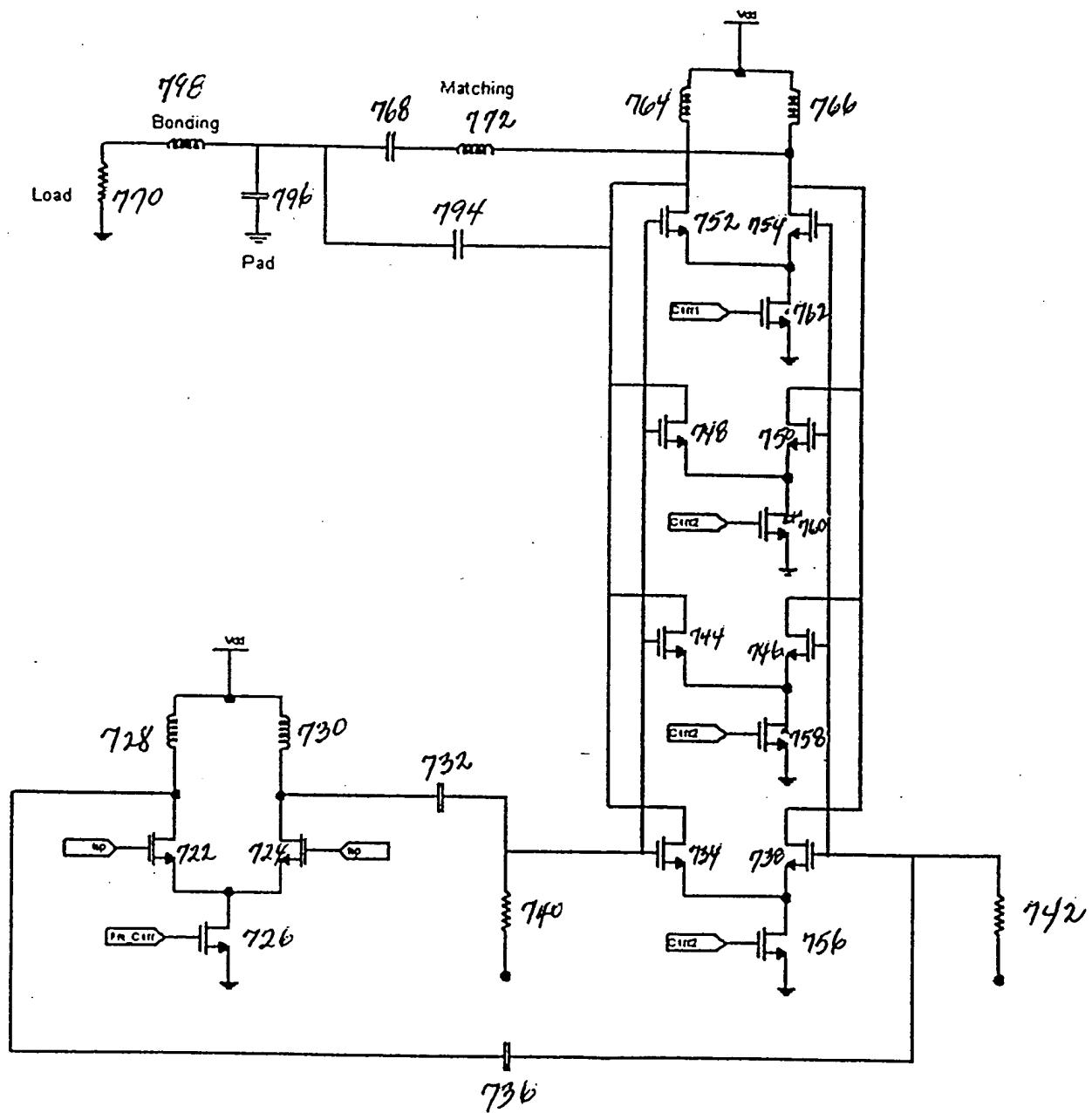


FIG. 30A

FIG. 30b

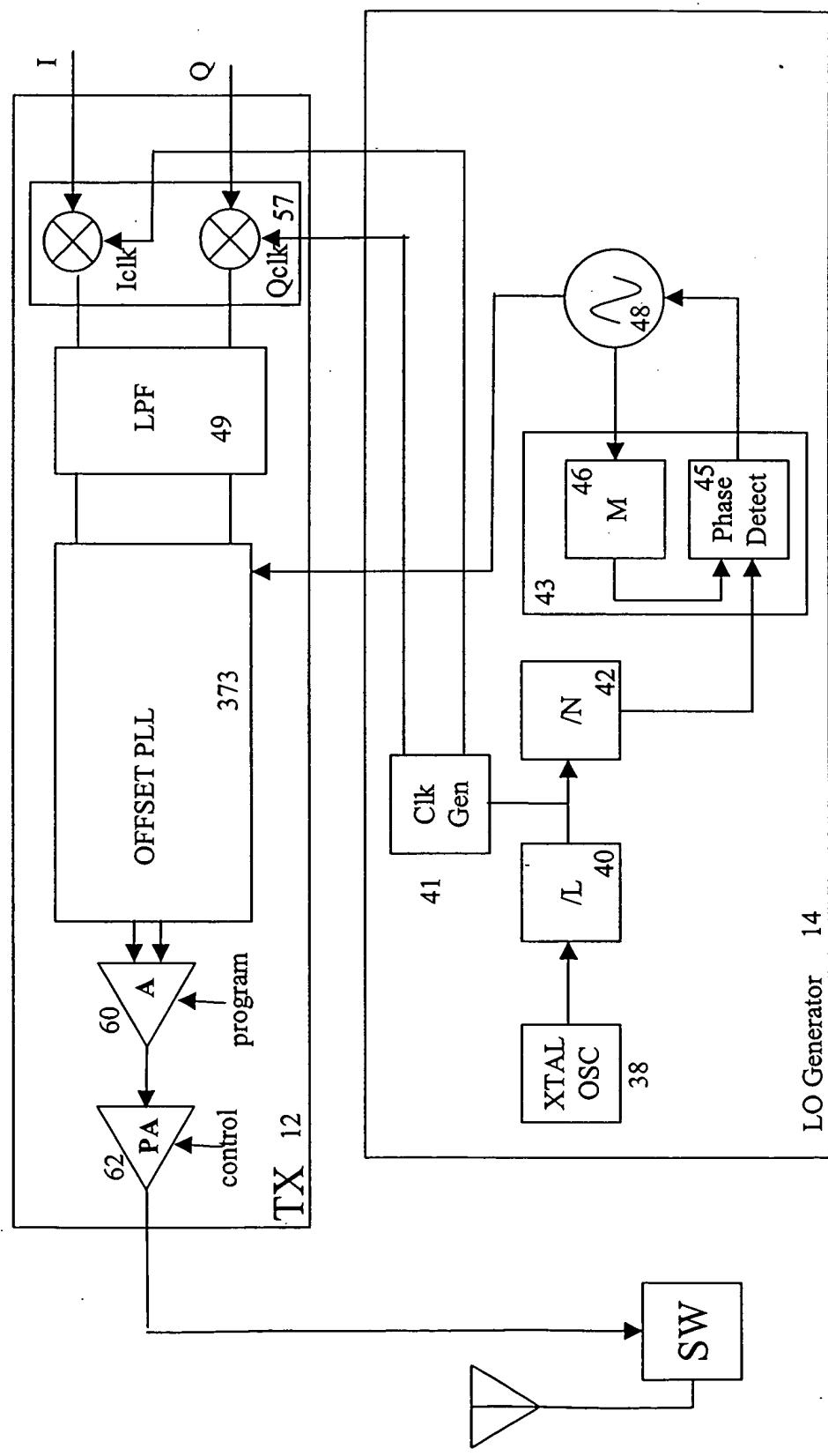


FIG. 30C

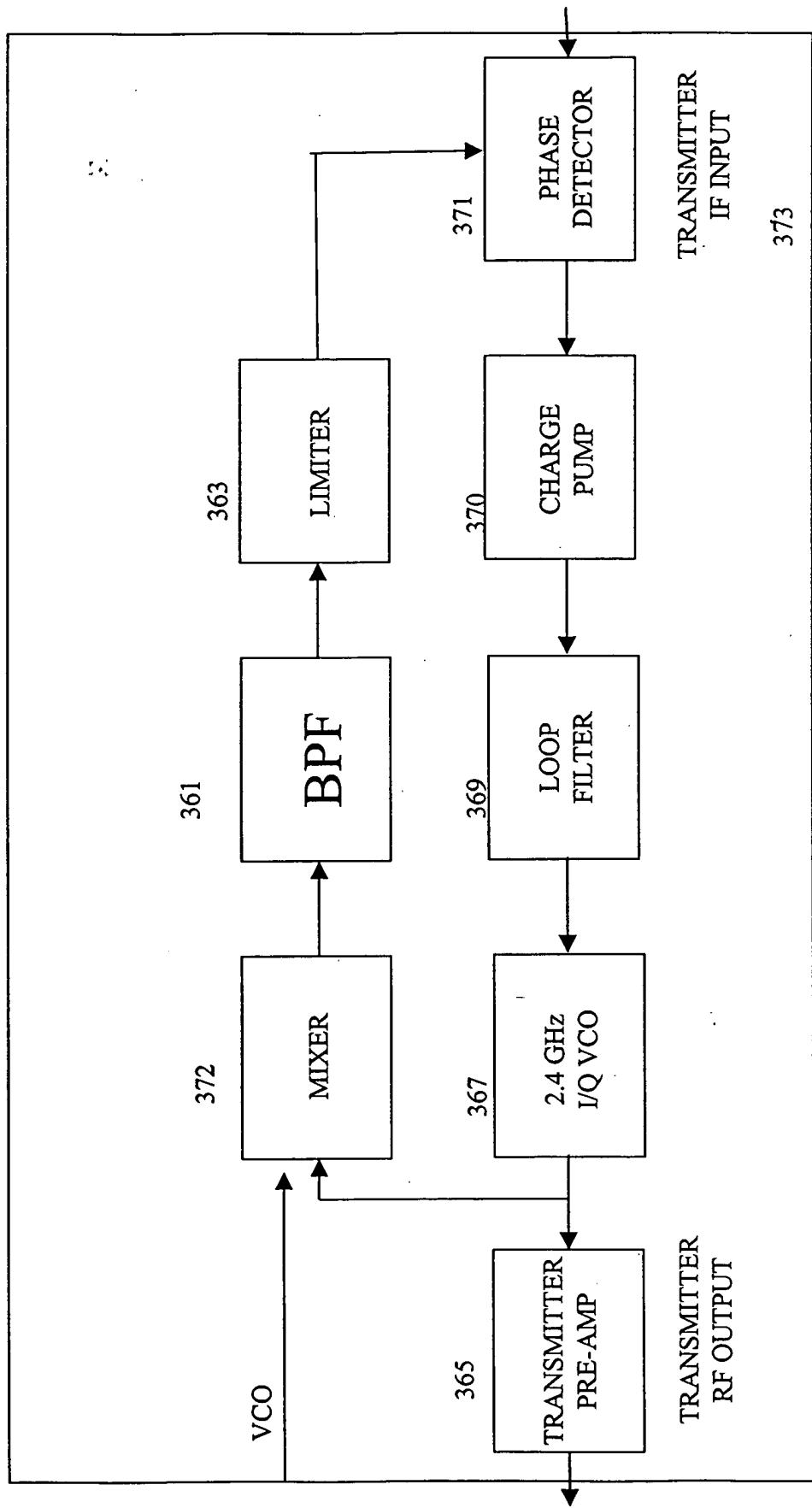


FIG. 30d

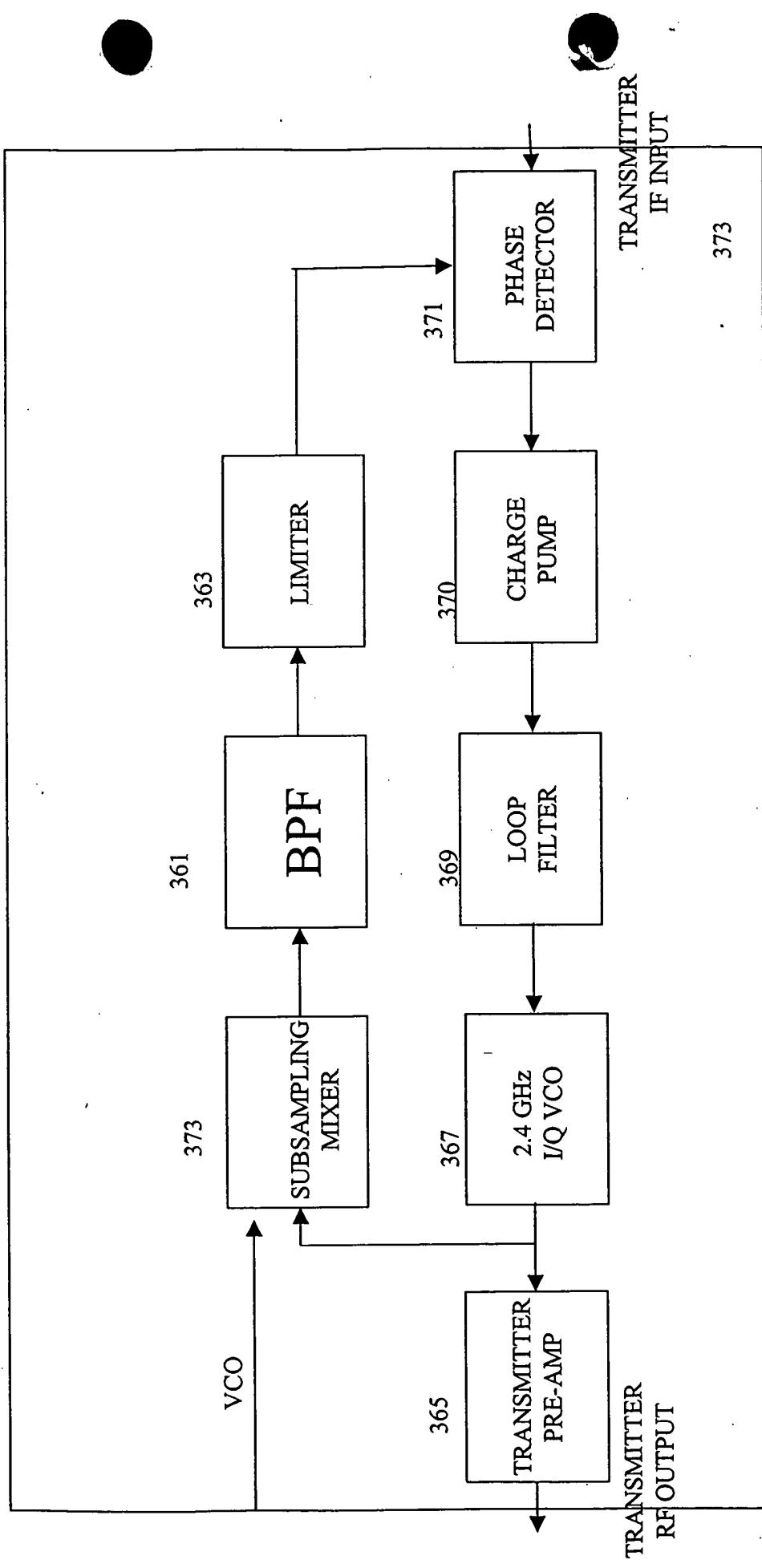


FIG. 36F

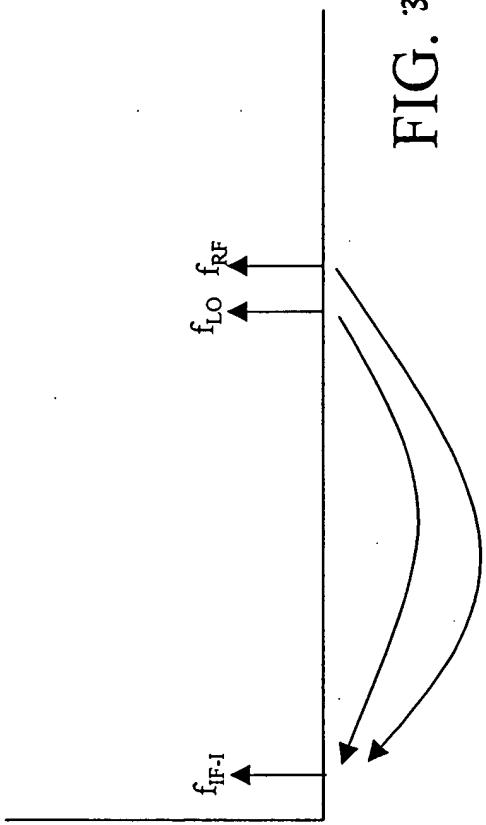


FIG. 36G

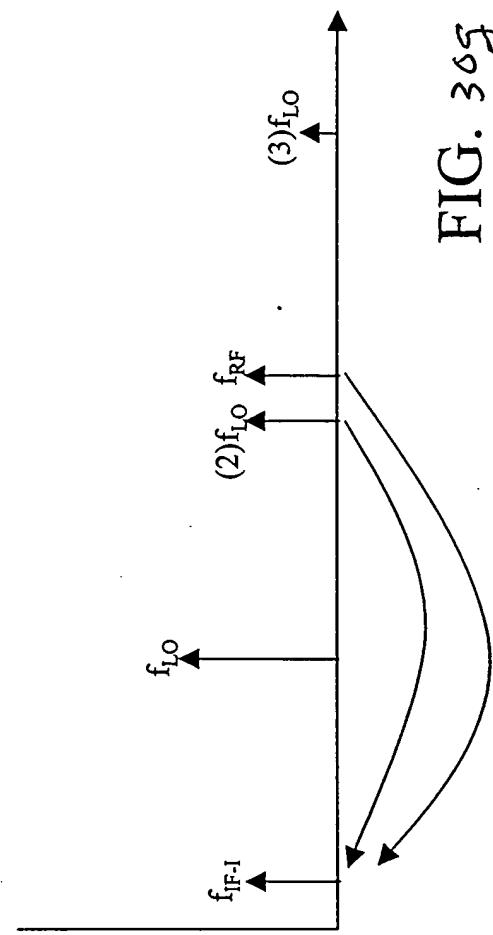
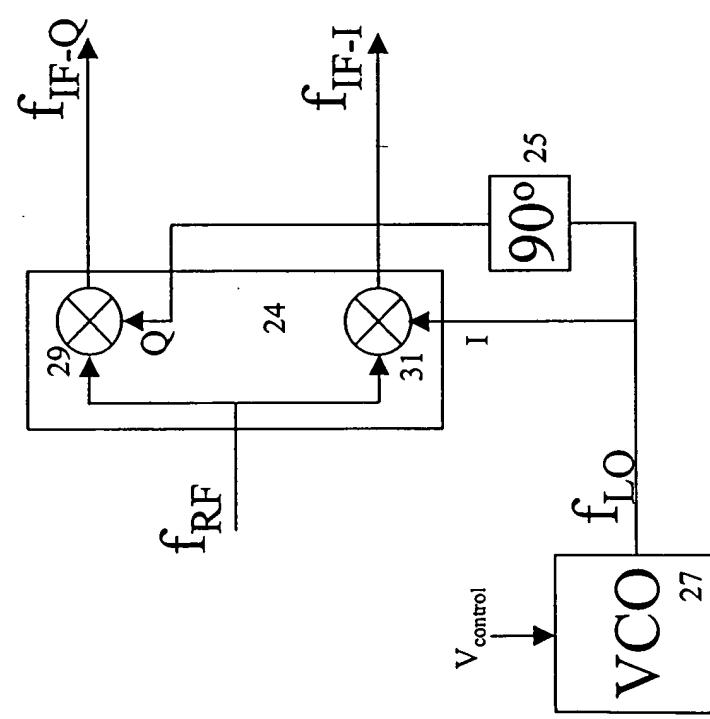


FIG. 36E



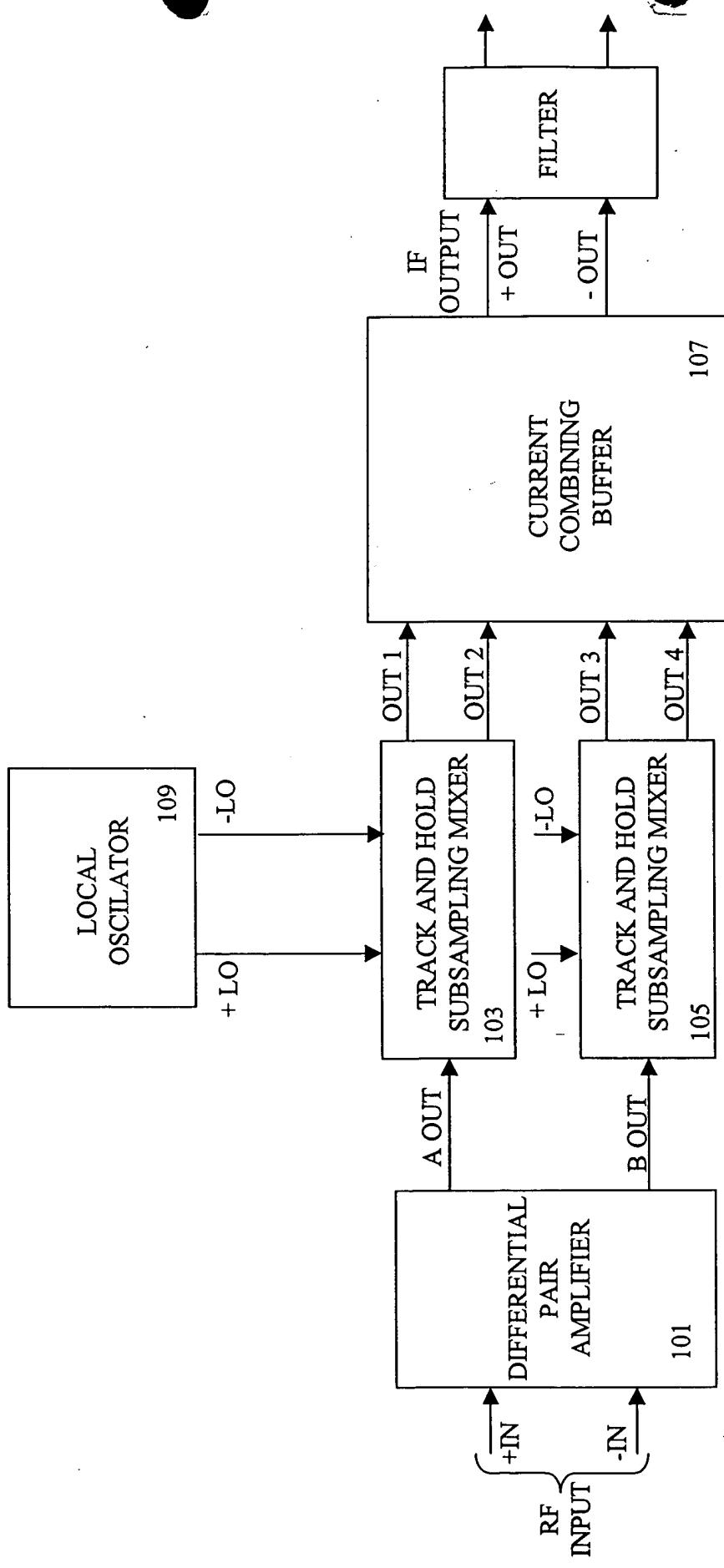
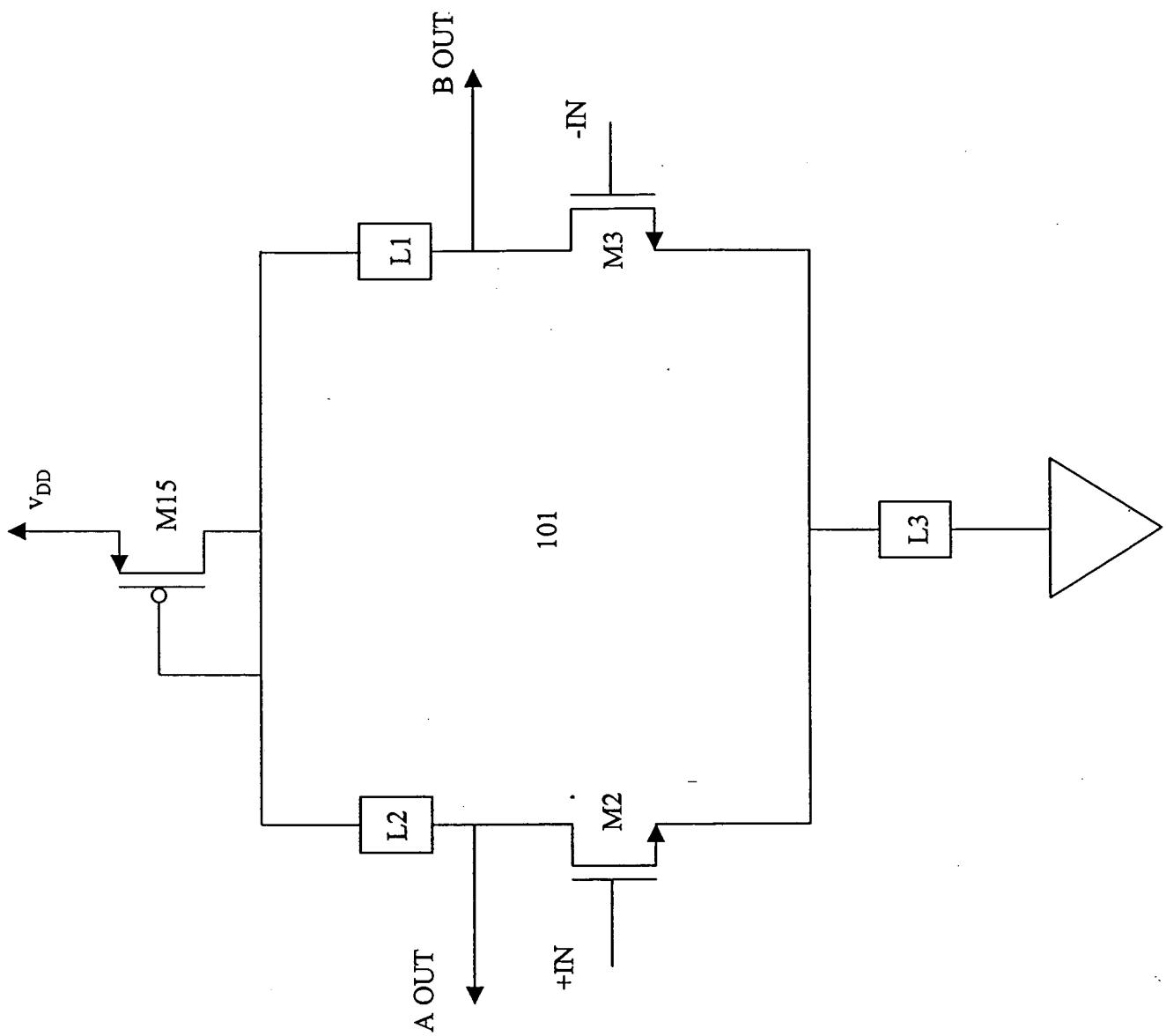


FIG. 30k

FIG. 302



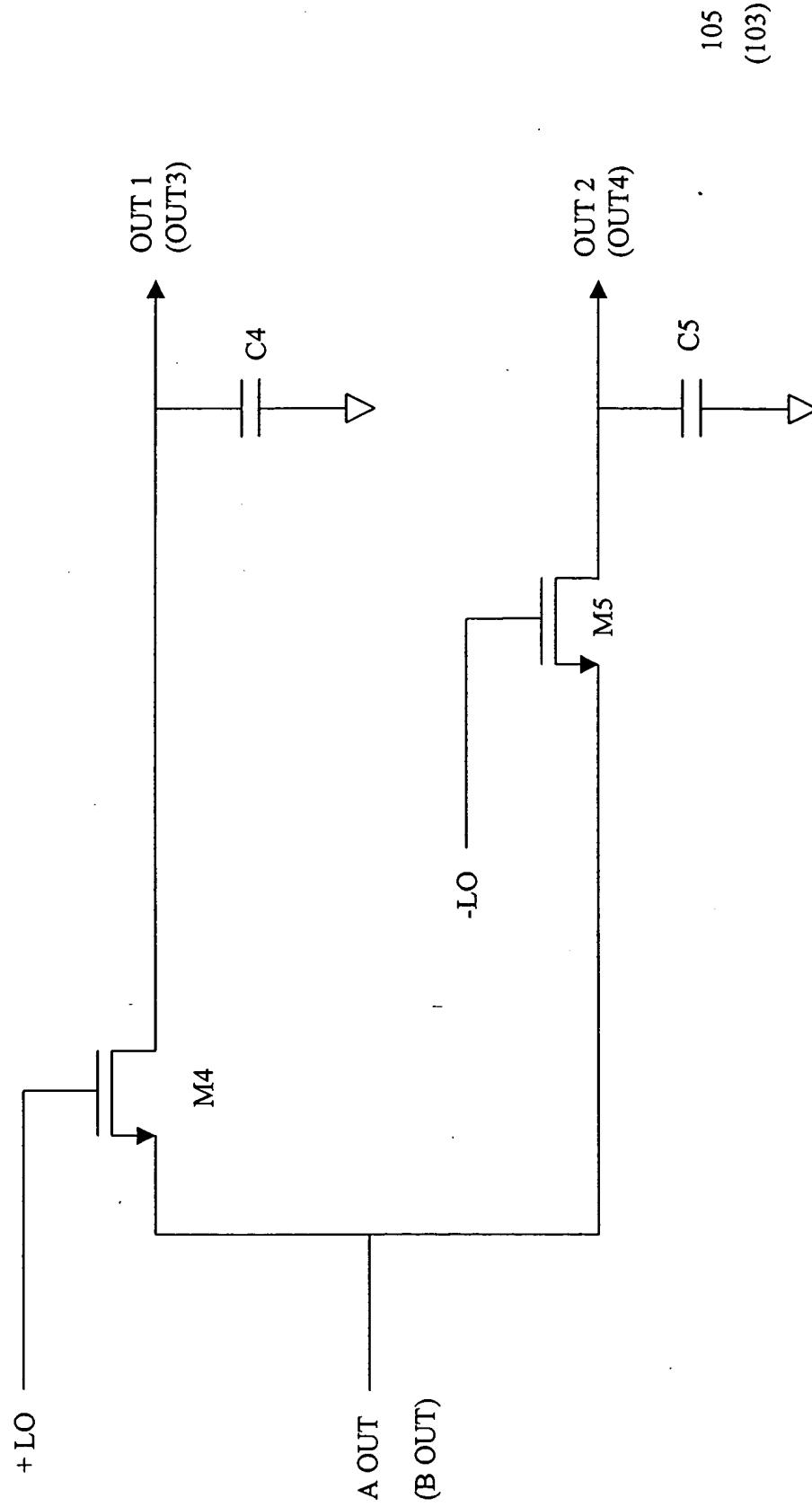


FIG. 30)

FIG. 30k

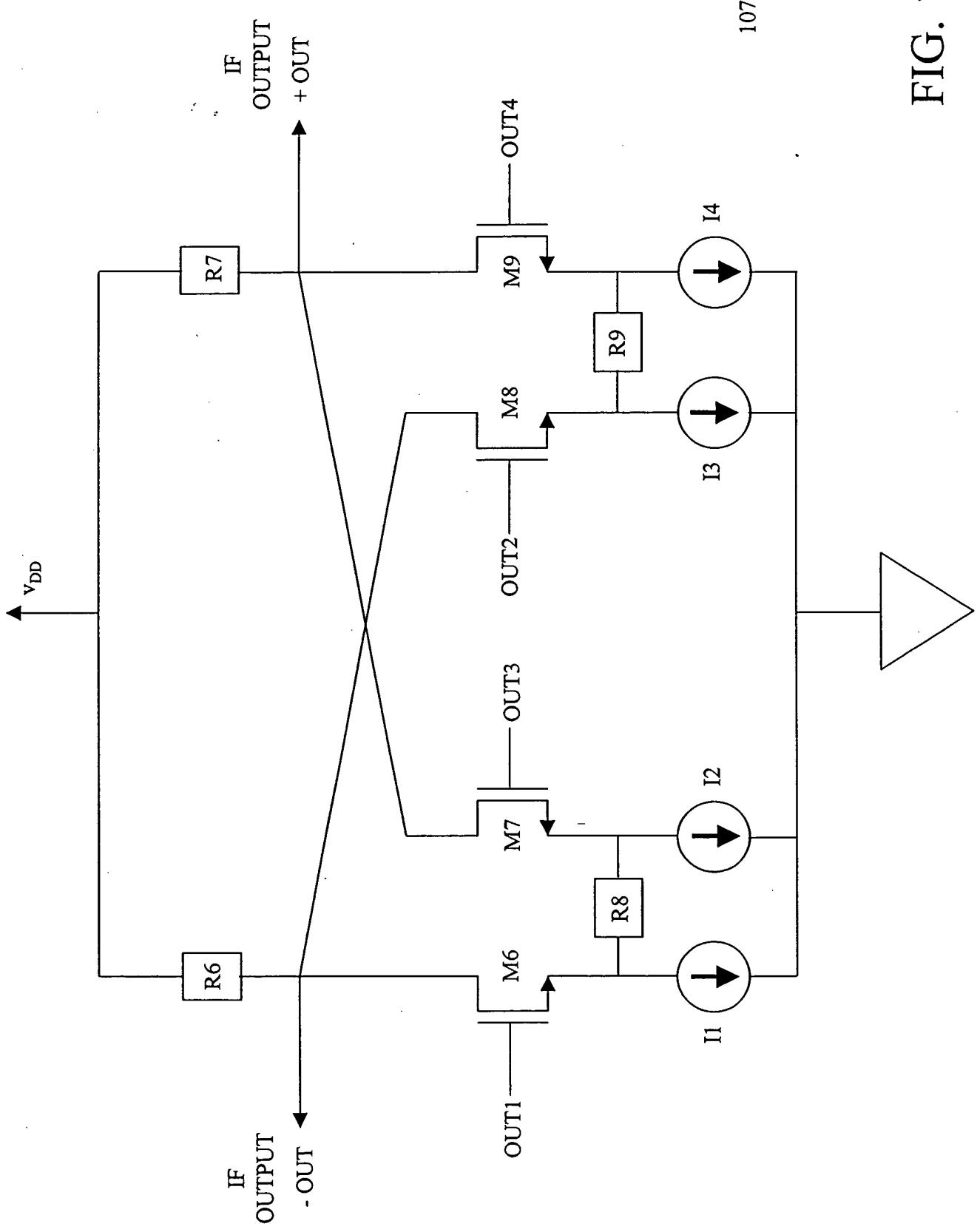
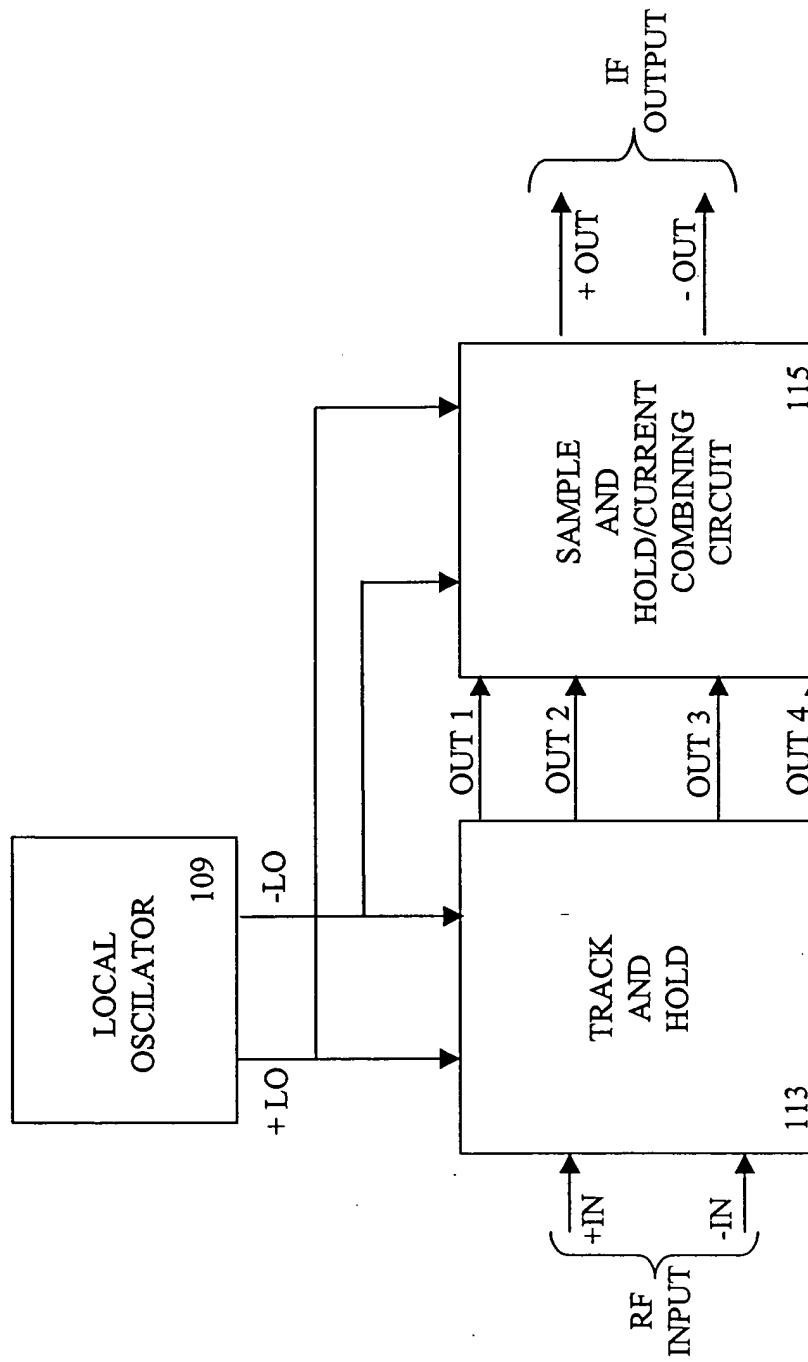


FIG. 50L



111

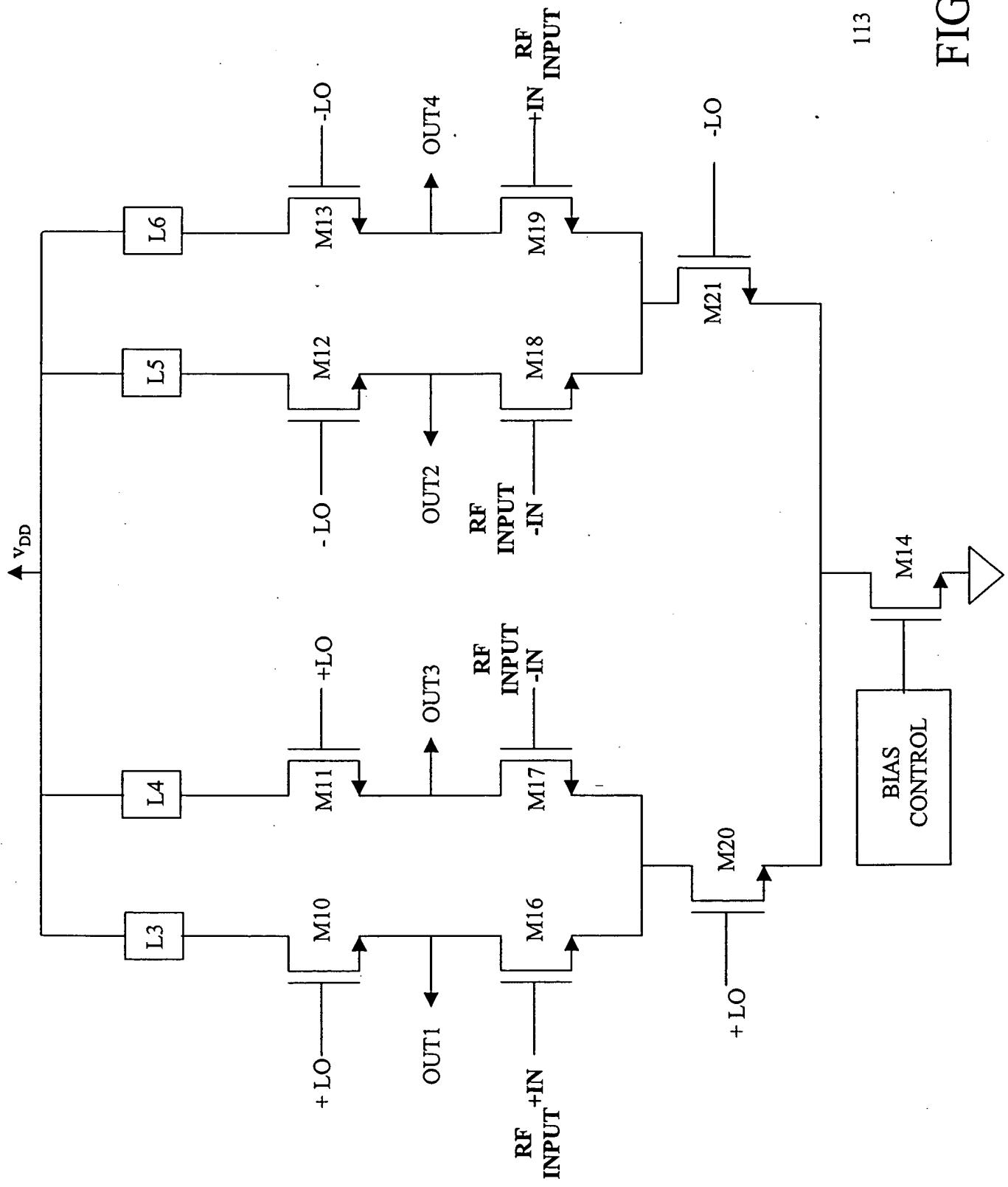


FIG. 30.m

113

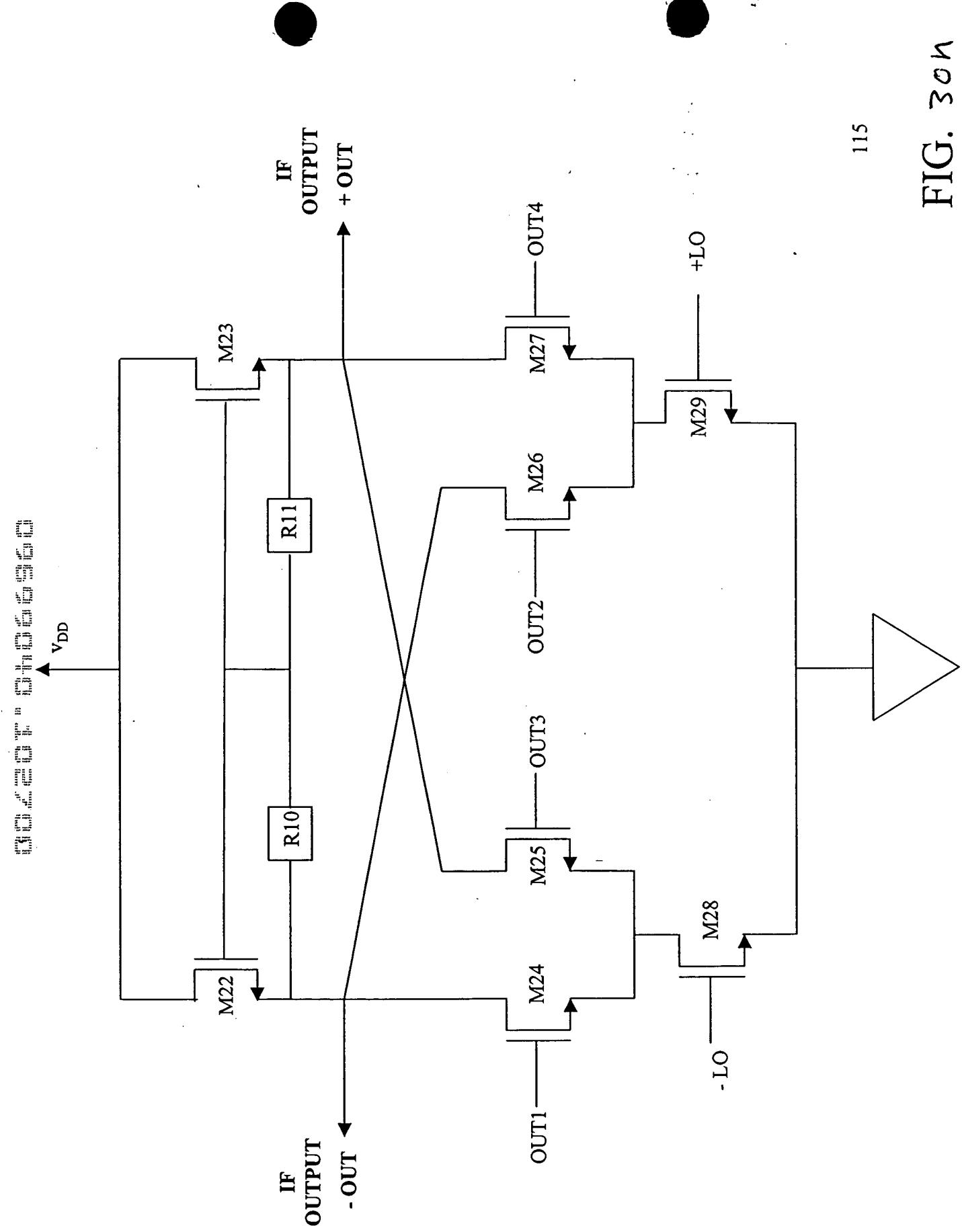


FIG. 30*n*

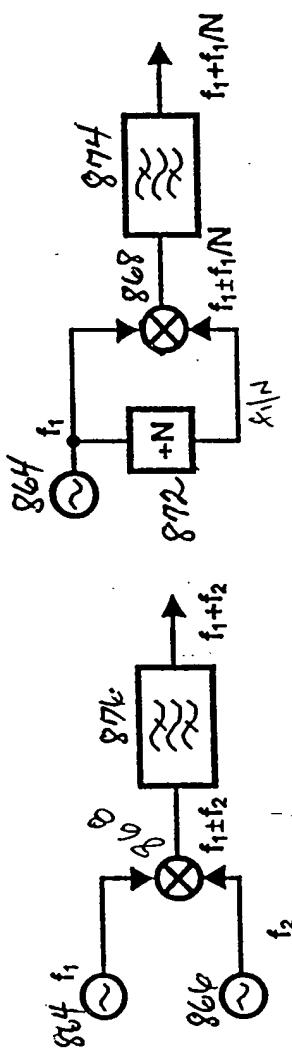


FIG. 31 (a)

FIG. 31 (b)

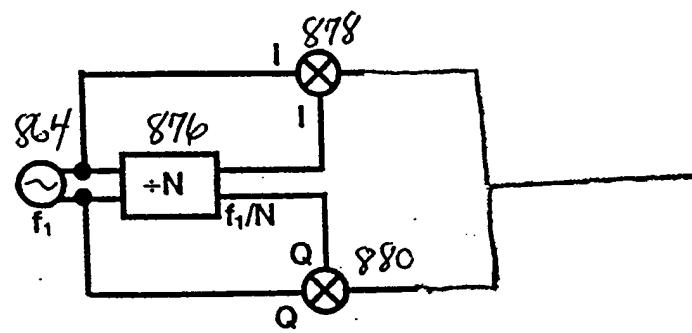
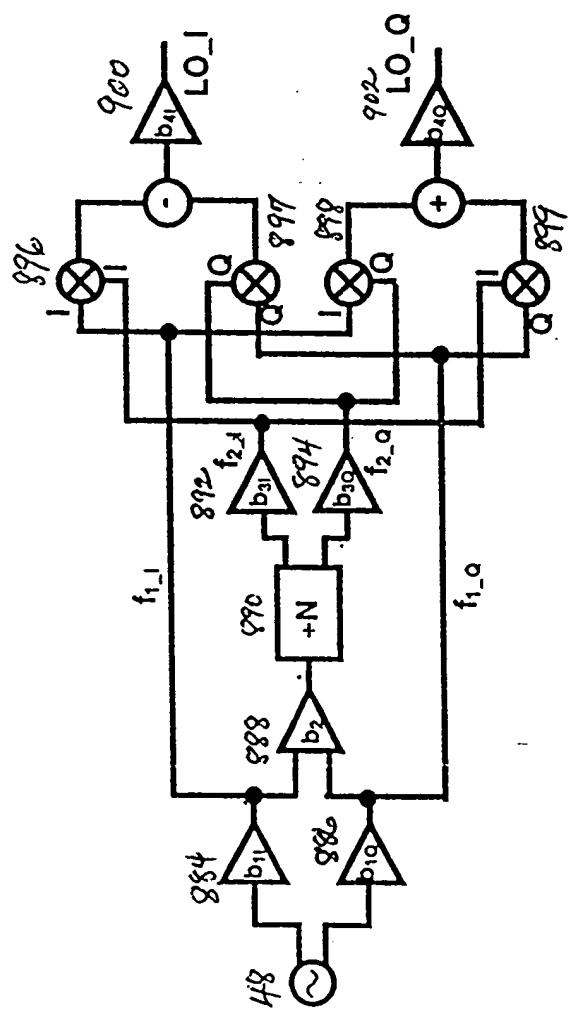


FIG. 32

FIG. 33(a)



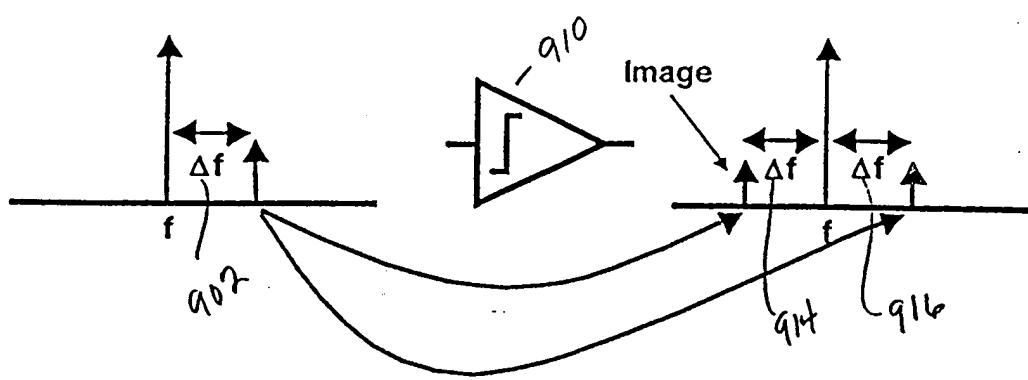


FIG. 33(b)

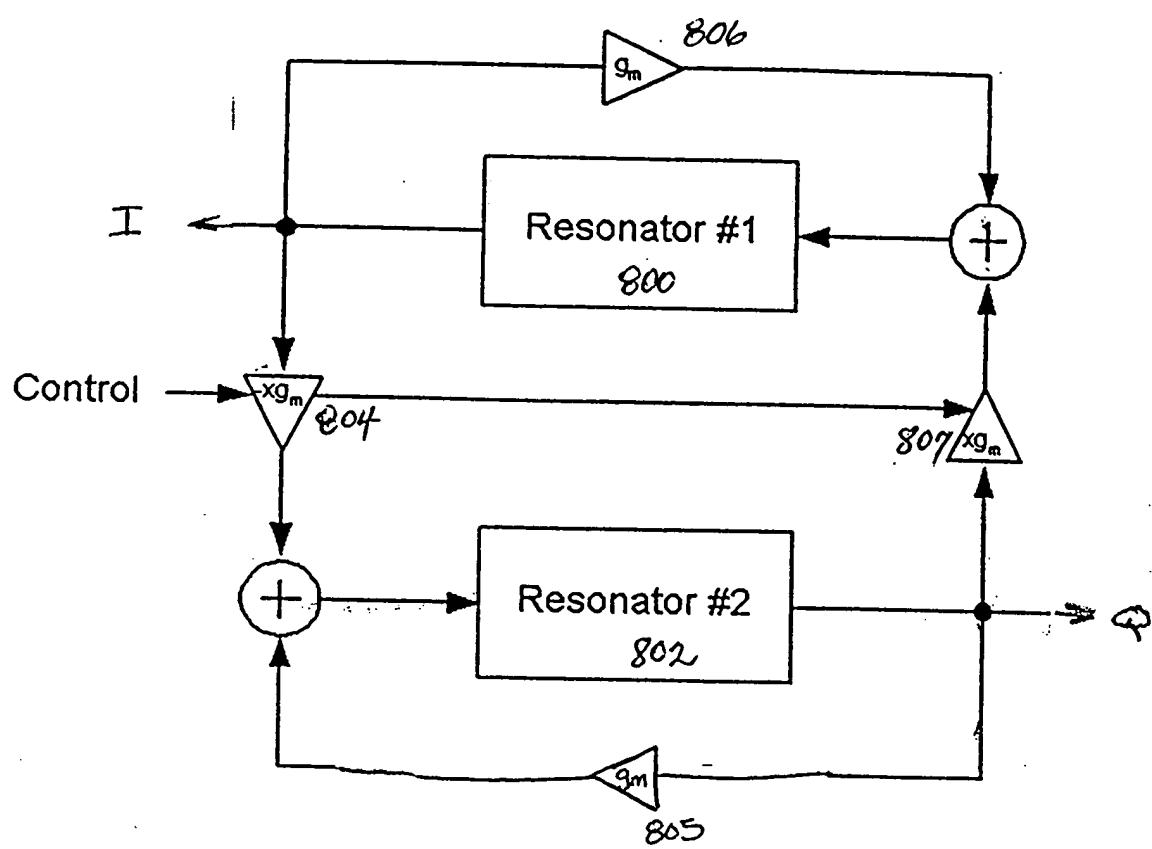


FIG. 34

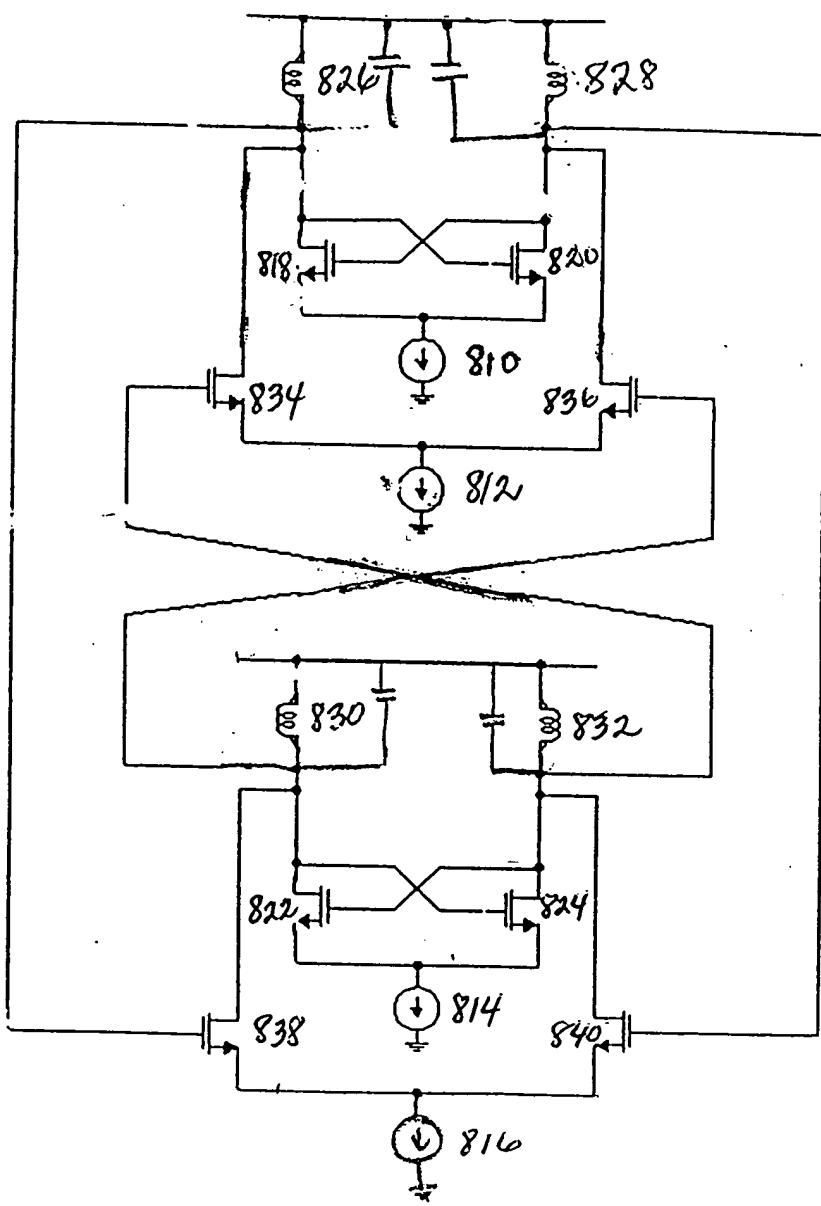


FIG. 35

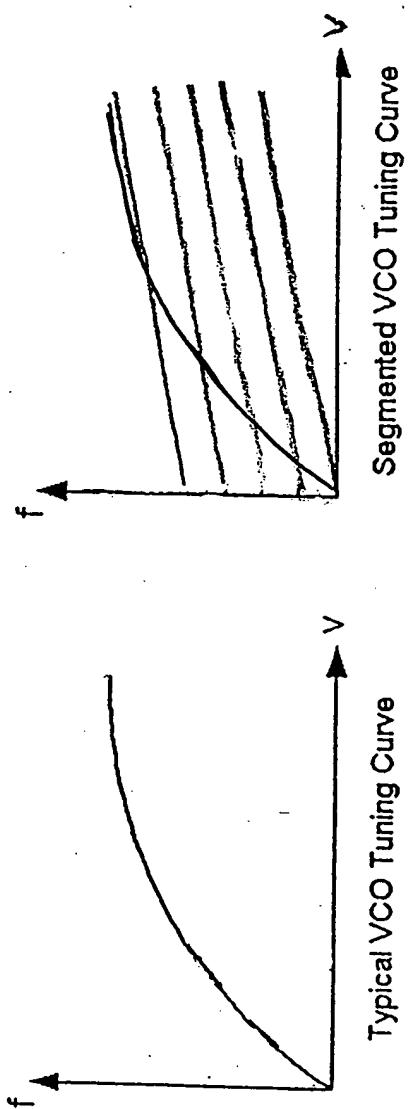


FIG. 36(b)

FIG. 36(a)

FIG. 37(a)

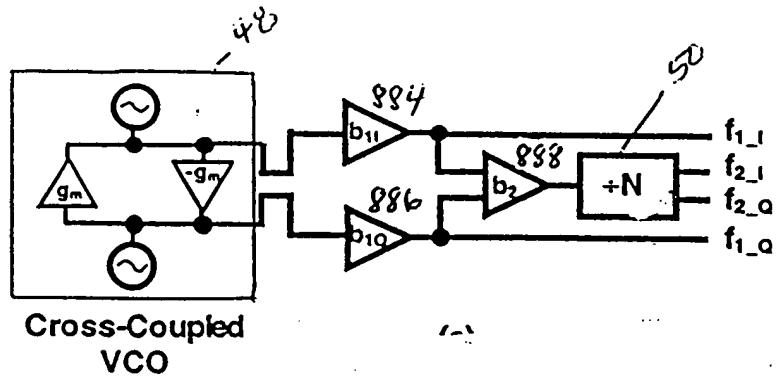
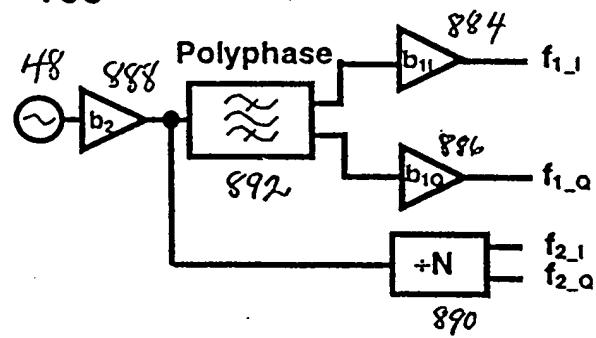


FIG. 37(b)



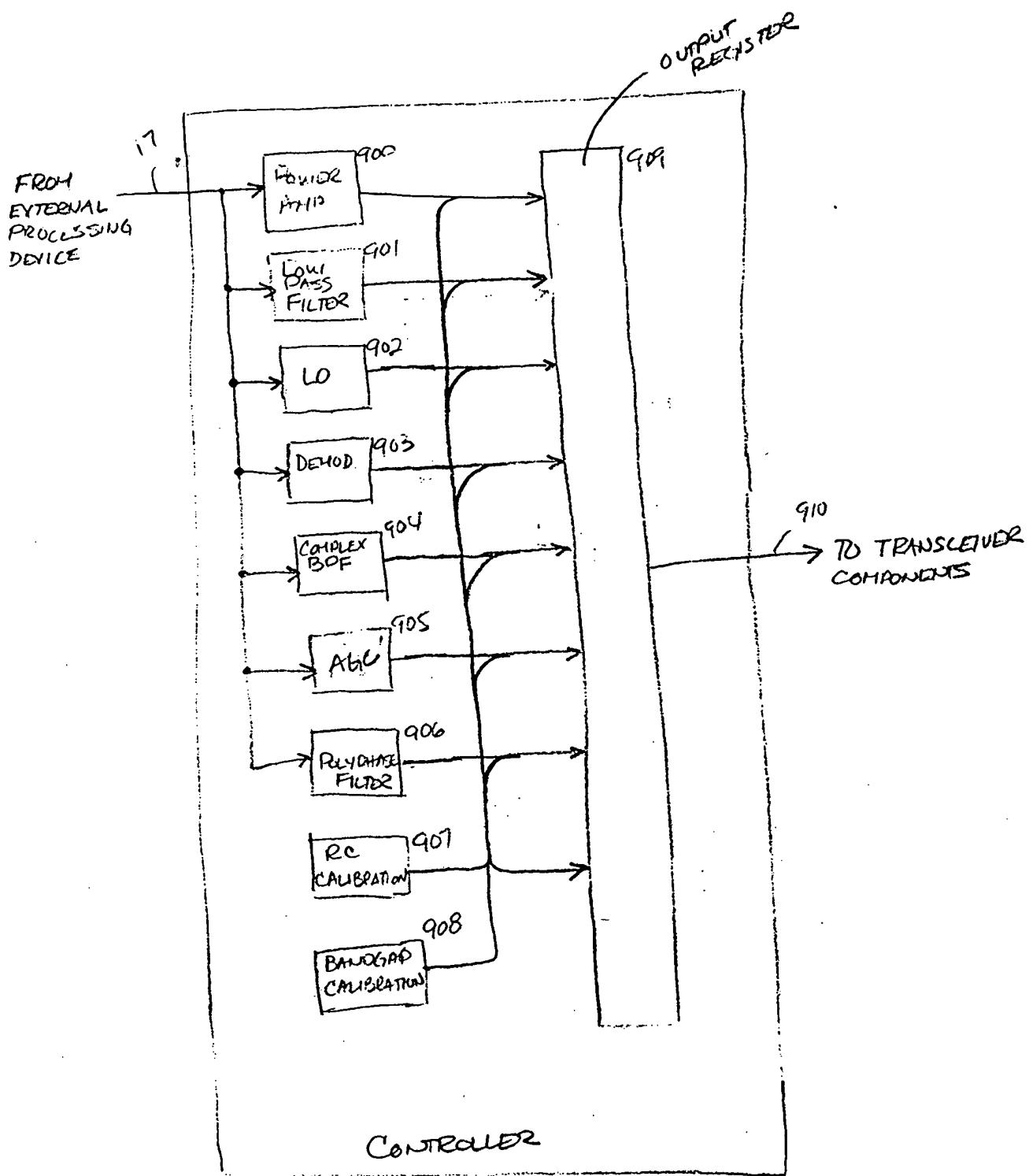


FIGURE 38

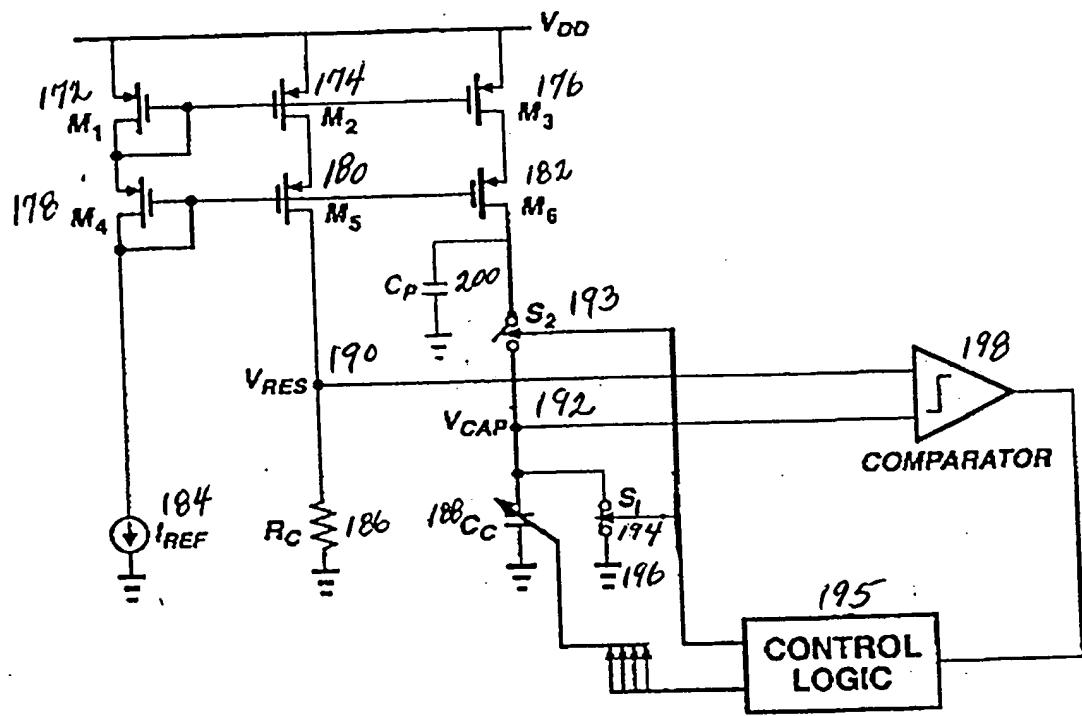


FIG. 39

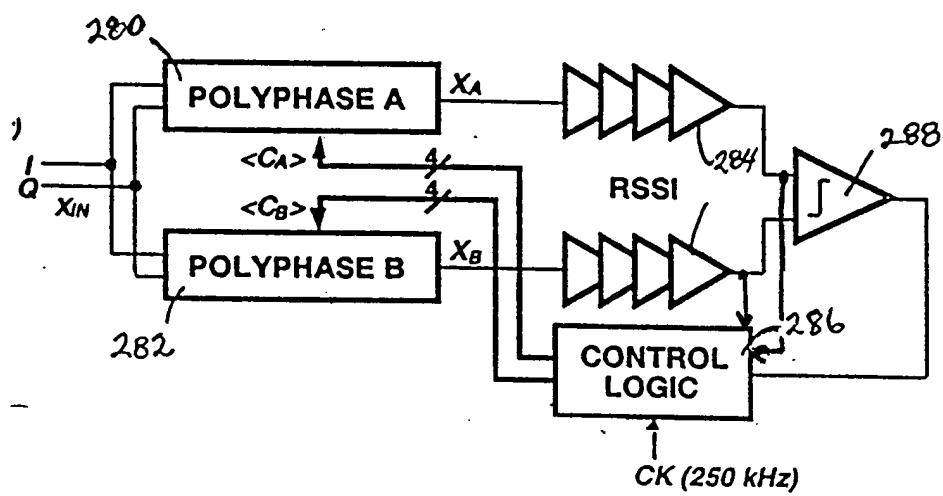


FIG. 40

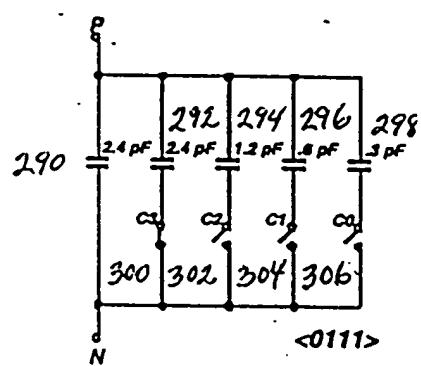


FIG. 41

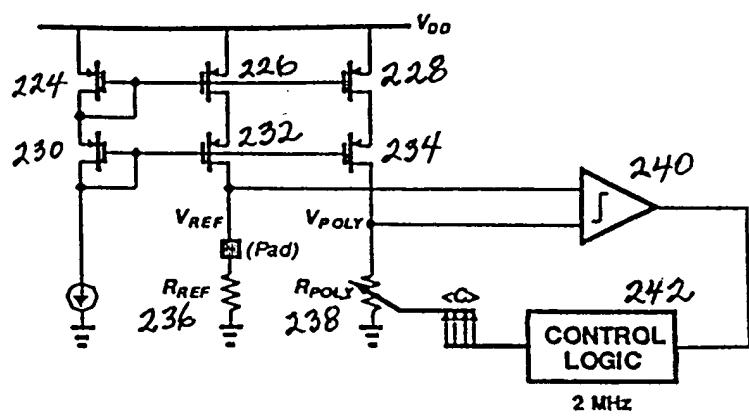


FIG. 42

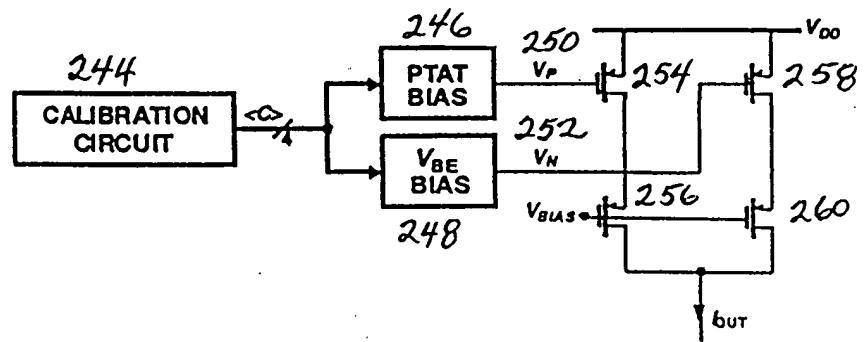


FIG. 43

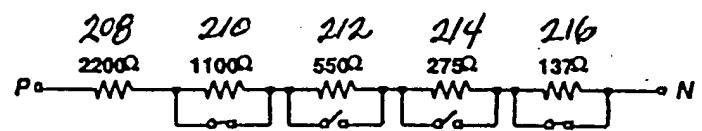


FIG. 44

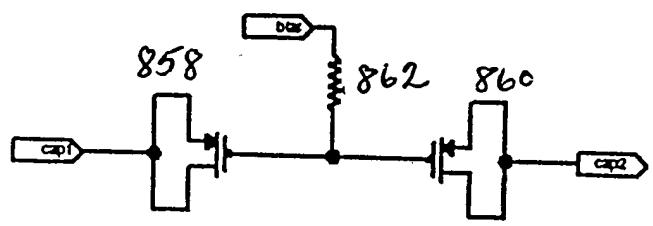


FIG. 45

00 00 00 00 00 00 00 00 00 00

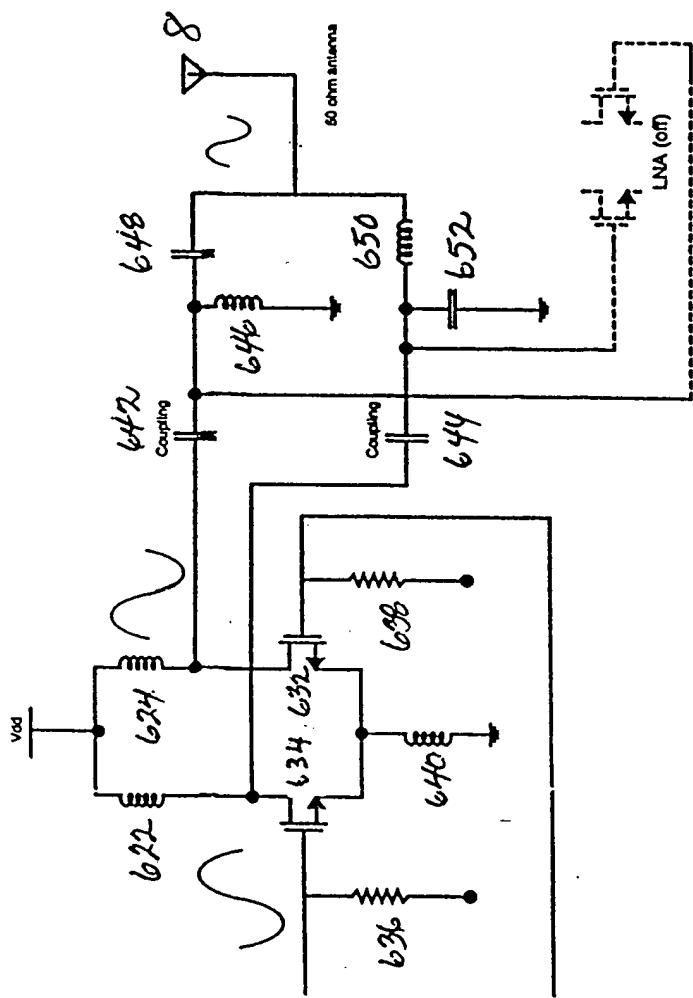


FIG. 46

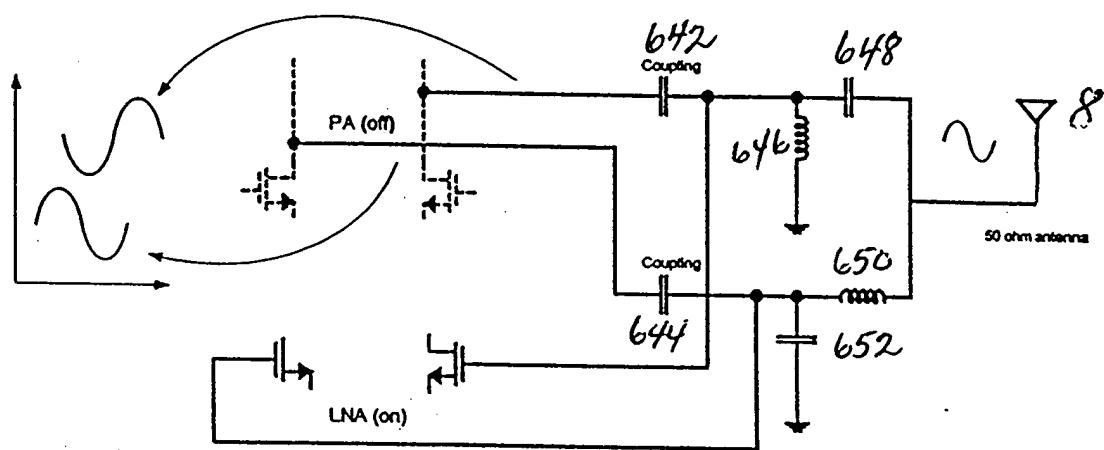


FIG. 47

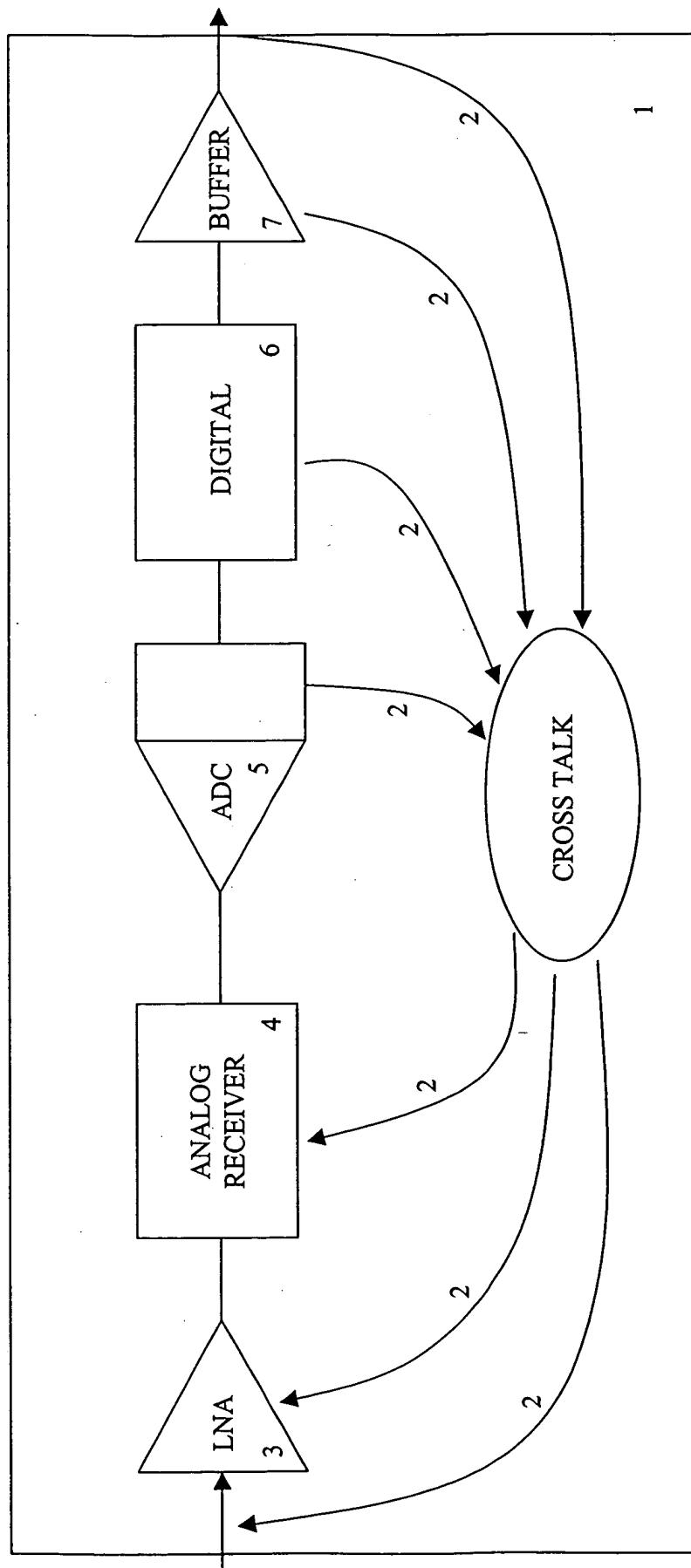


FIG. 48a

FIG. 486

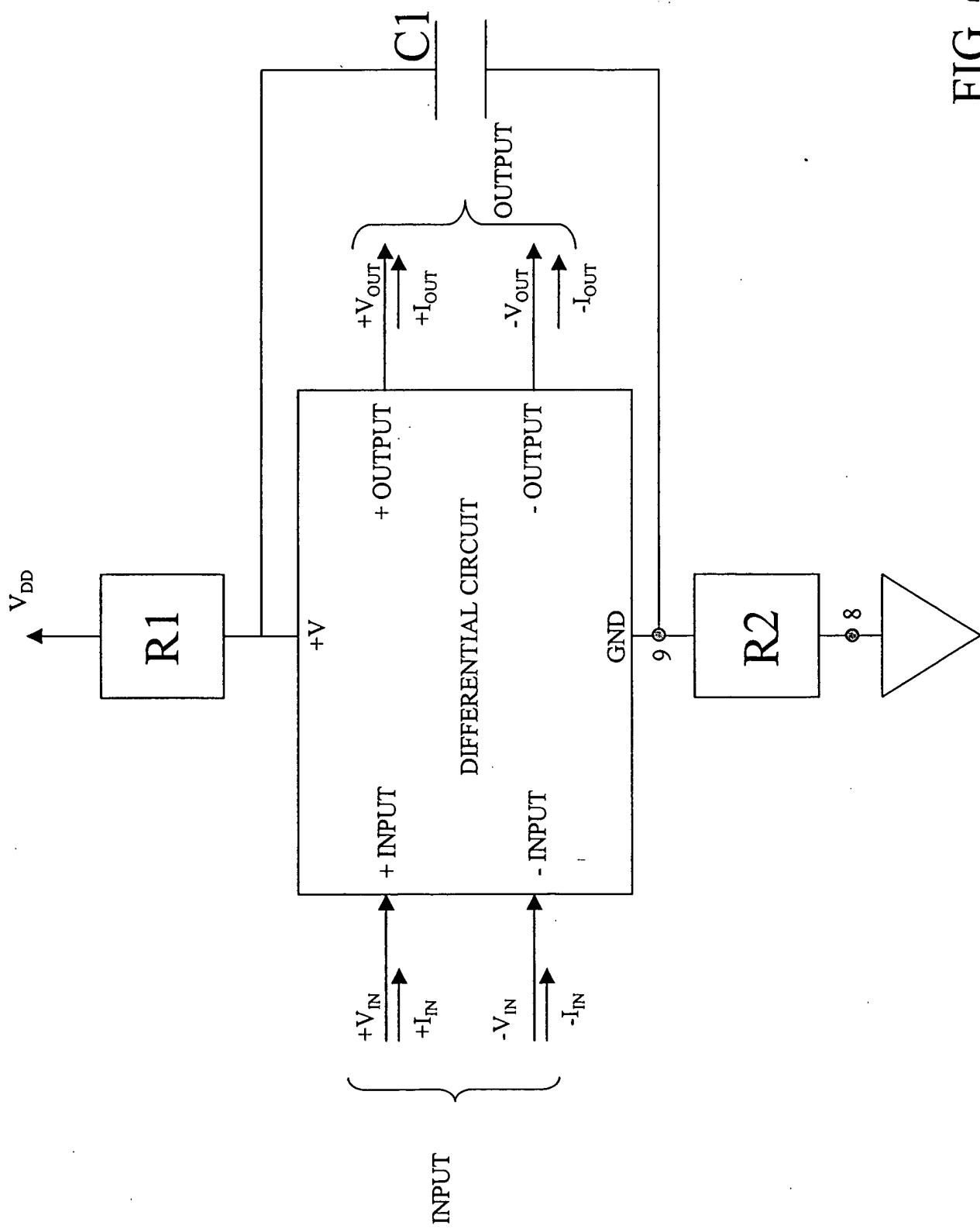


FIG. 48.c

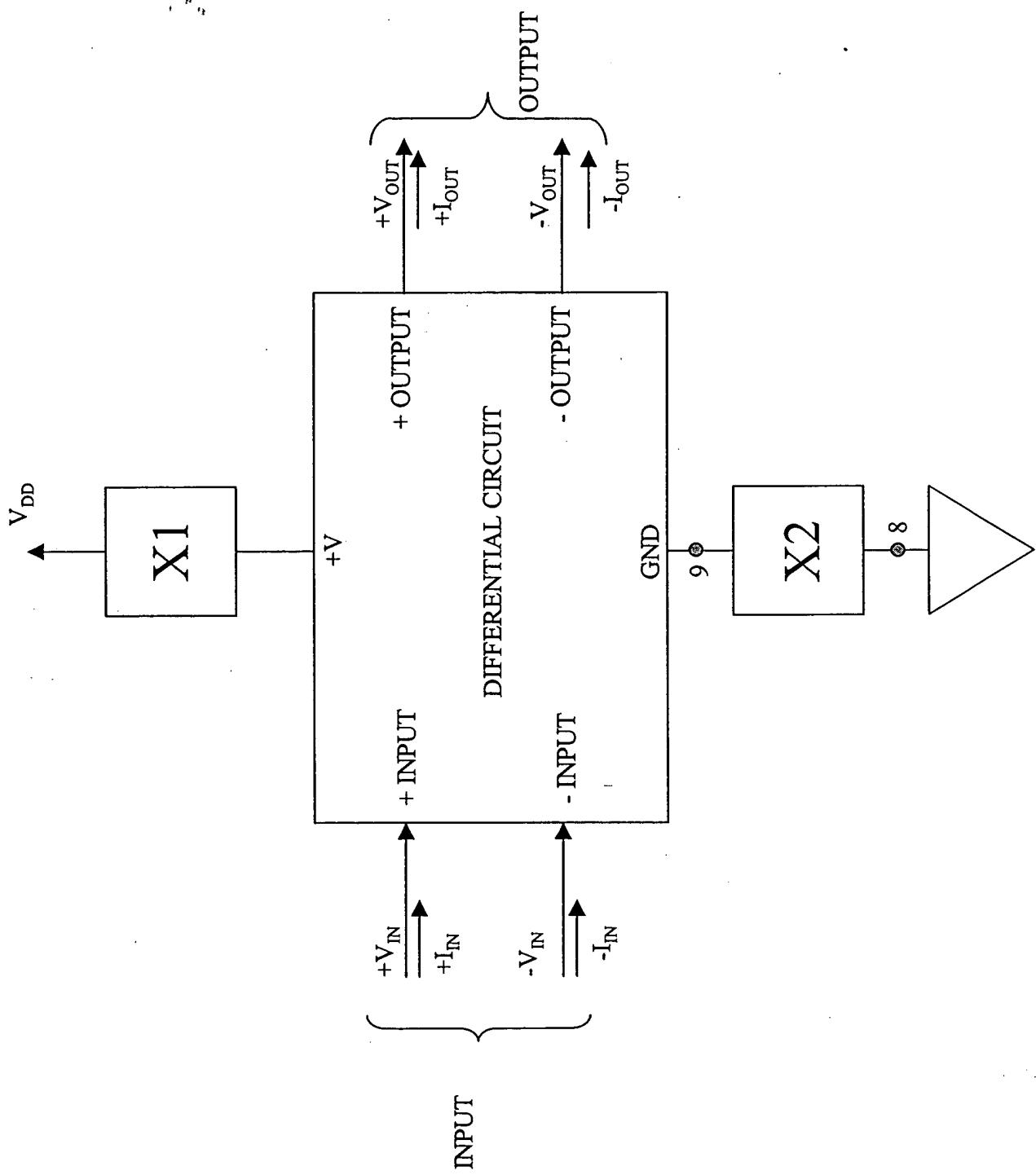
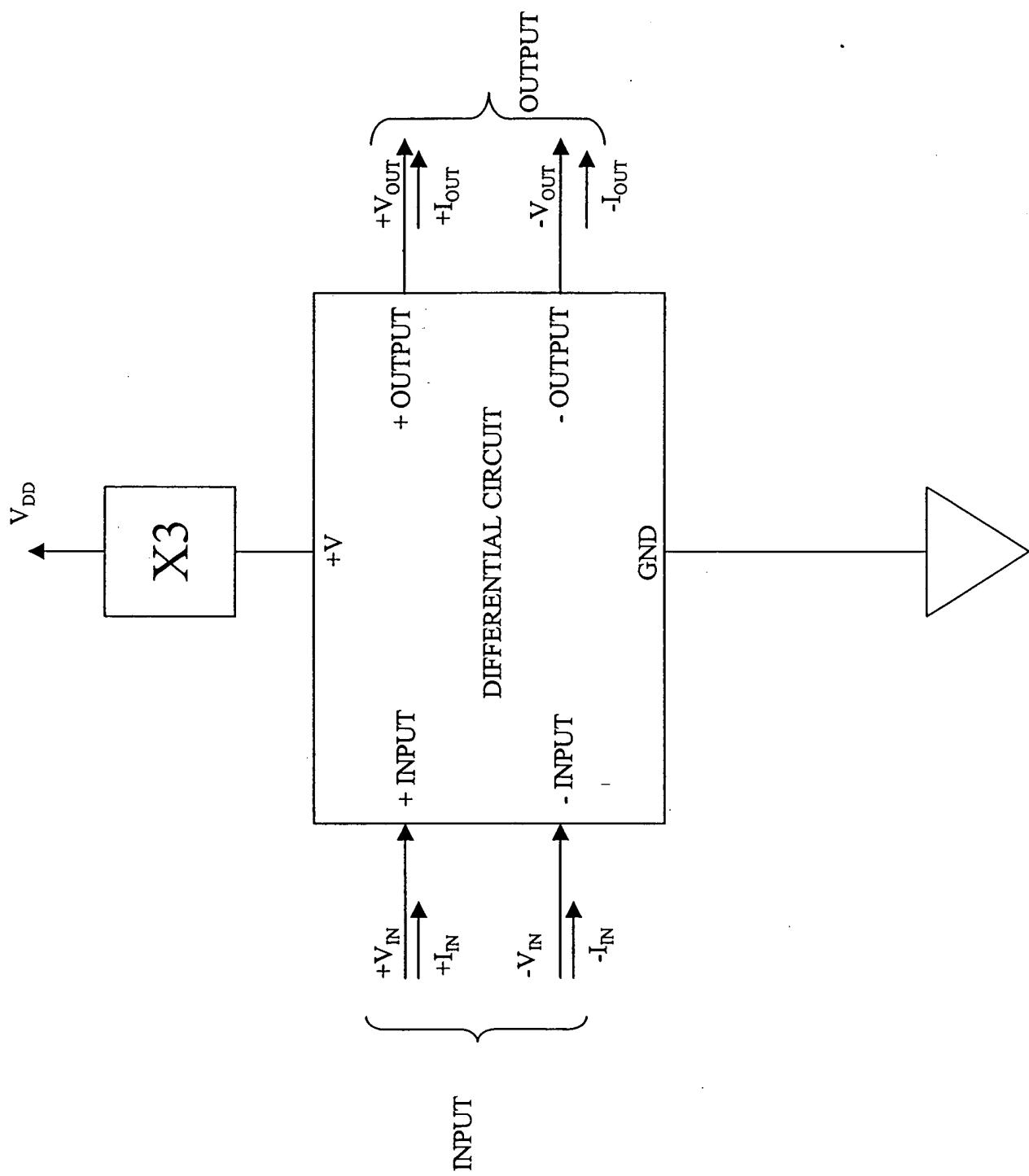


FIG. 4e&d



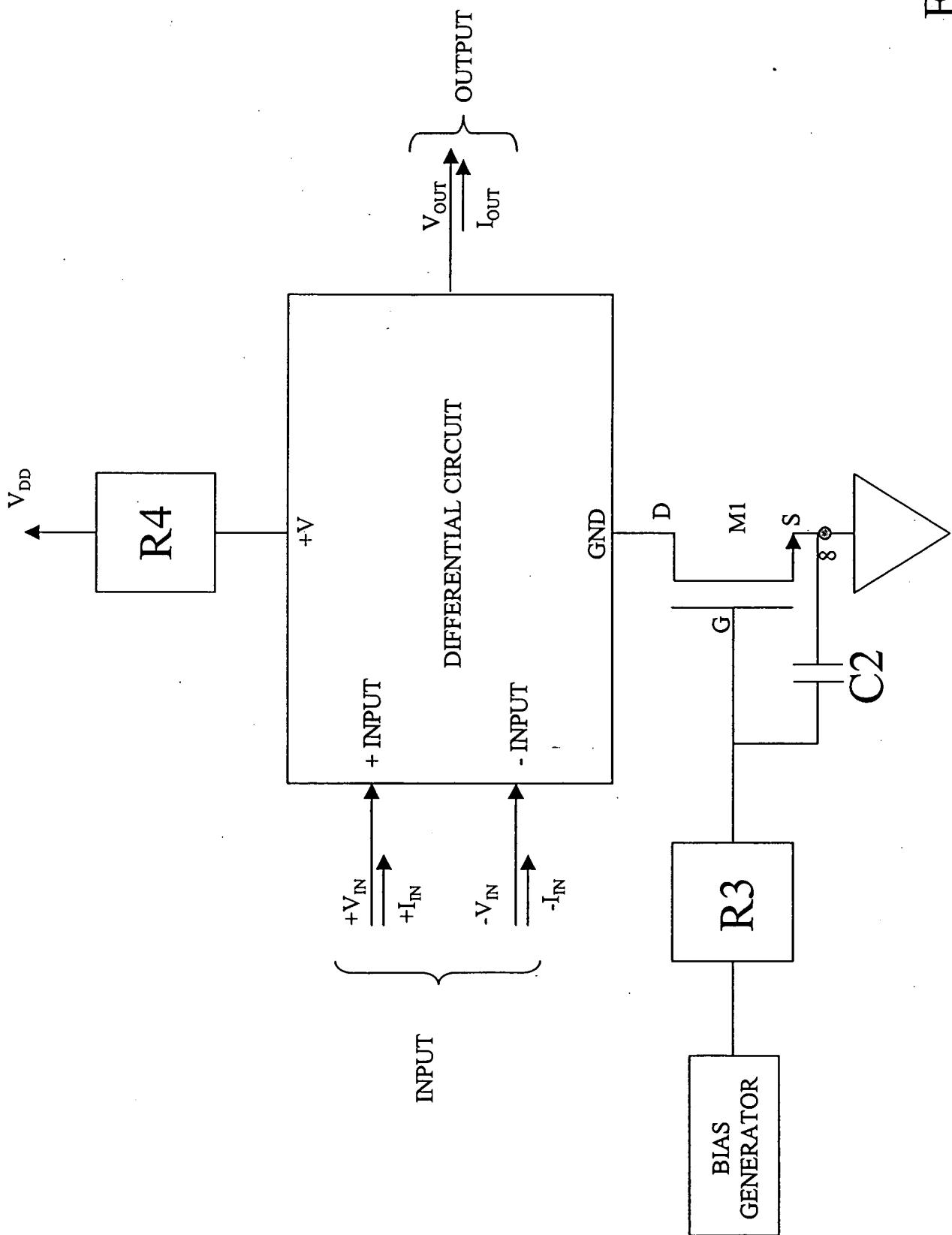


FIG. 48e

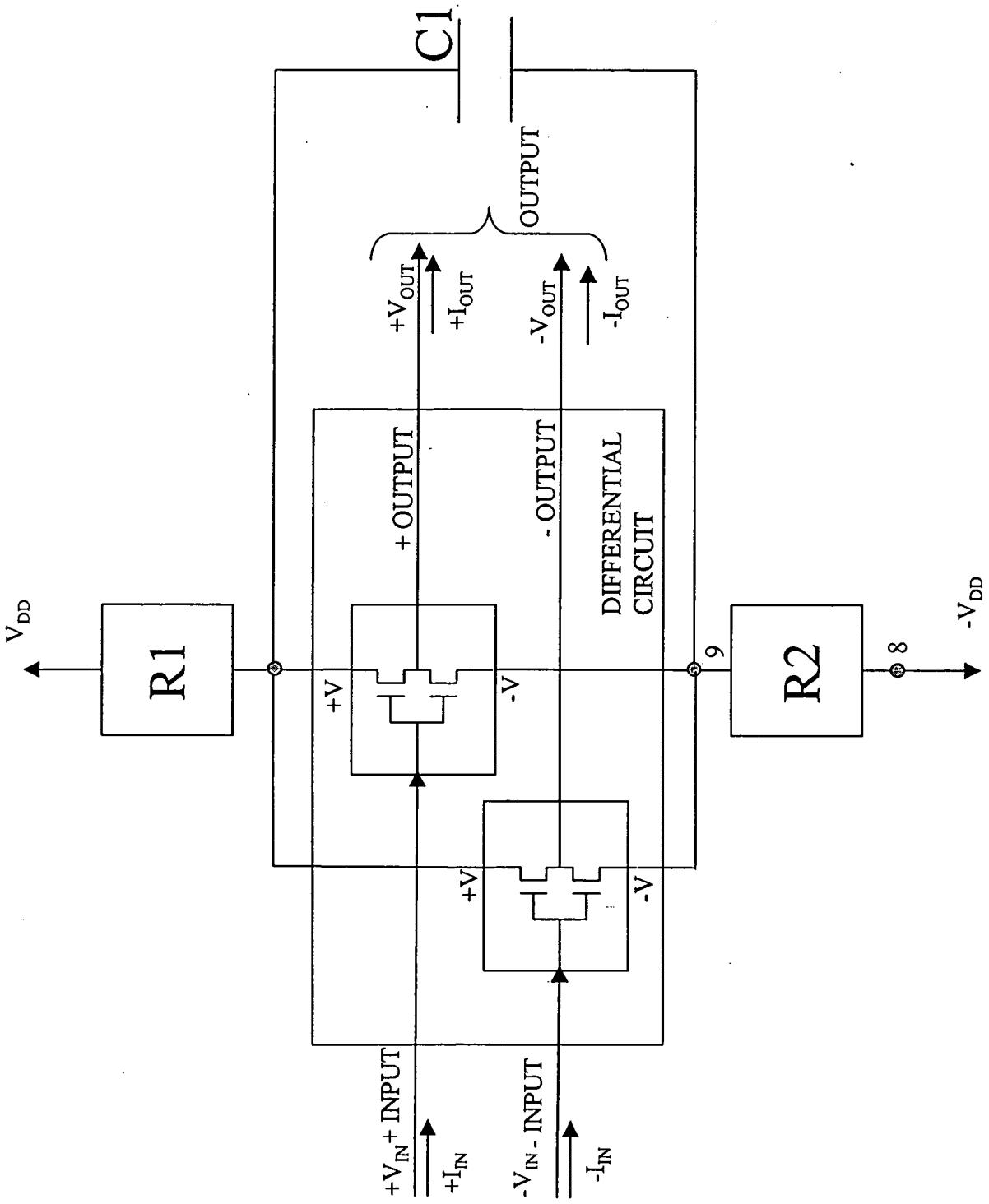


FIG. 48f